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ABSTRACT

A project was conducted to suggest modifications to the American Academy of Physician Assistants' accreditation system for group-oriented continuing medical education (CME) programs. Other objectives were to maintain a roster of such CME programs and search for alternative means for physician assistants (PAs) to maintain and update their skills and knowledge. A system was developed to cross-reference a roster of CME programs chronologically, by state, and by topic presented. A roster of 411 CME programs was maintained from July 1976 to June 1978. Designing alternative CME accreditation mechanisms was accomplished through two methods. The Evaluation and Advisory Committees provided input. CME checklist data were collected from PAs taking part in group-oriented CME programs on reasons PAs attend programs, how they feel they learn best, and how they evaluate programs. Supervising physicians were also queried regarding CME for PAs. A suggested alternative was the proposed Coordinating Committee on CME Accreditation to utilize educational experts, practicing PAs, physicians, and program organizers in the accrediting process. Requirements were also recommended for individual program and sponsor accreditation. (Exhibits, amounting to approximately two-thirds of the volume, include the roster of CME programs and checklist data.) (YLB)

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ED213920

The Development of Standards to Ensure the Competency of Physician Assistants

Volume V of V:

The Design of a System of Accreditation and Maintenance of a Roster of CME Programs for Physician Assistants

Final Report
Covers Period of Performance
During
July 1, 1976 - August 14, 1979

Sponsor

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This report is made pursuant to Contract No. HRA-231-76-0053. The amount charged to the Department of Health, Education, and Welfare for the work resulting in this report (inclusive of the amounts so charged for any prior reports submitted under this contract) is $772,090. The names of the persons, employed or retained by the contractor, with managerial or professional responsibility for such work, or for the content of the report, are as follows:

Donald W. Fisher, Ph.D.
Executive Director, AAPA
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(For other key personnel, see Preface.)

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PREFACE

Participants in all parts of the study described in the five volumes of this report are listed below.

The project staff and their areas of responsibility were:

Name	Responsibility
Donald W. Fisher, Ph.D. Executive Director, AAPA/APAP	Project Director
Mary Jane Crain Research Associate	Assessment of the applicability of the University of Wisconsin's Individual Physician Profile (IPP) program for physician assistants Maintenance of a roster of CME programs for physician assistants Design of a system of CME program accreditation
Jane Faulman, Ph.D. Research Associate	Verification of the role delineation for the entry level generalist position Physician assistant position classification Development of a self-assessment tool

The Project Officer for the study, from the Division of Associated Health Professions, was Louis A. Quatrano, Ph.D.

Secretarial and administrative support was provided by:

Veronica Marshall
Karen Hummer
Linda Geary

The project staff consulted a measurement and evaluation specialist, Dr. Richard C. Cox of Pittsburgh, Pennsylvania, to assist

with the IPP and system of continuing medical education (CME) program accreditation portions of this study. Specifically, Dr. Cox designed a checklist for IPP participants and helped with the analysis and presentation of all IPP checklist results. He also assisted the staff in the development of checklists distributed to physician assistants in attendance at selected CME programs throughout the country. The data from these checklists was used in the development of a system of accreditation of physician assistant oriented CME programs.

The development of a self-assessment tool was placed under the direction of a consultant to the project who is a specialist in test development. This consultant was Ayres D'Costa, Ph.D., Associate Professor of Health Professions Education at The Ohio State University in Columbus, Ohio. Under Dr. D'Costa's guidance, a self-assessment examination for physician assistants was developed. Dr. D'Costa planned and conducted all meetings at which the test specifications for the examination were delineated and test items were prepared and revised. He was responsible for all computer output necessary to the project. He designed an individualized, computer-generated test report which includes respondents' scale scores both numerically and graphically.

In addition to the help of consultants, the project staff also benefited from the special expertise and insight of members of the Evaluation, Working, and Advisory Committees. Each of the committees had a specific role to play in the completion of this study.

The Evaluation Committee worked primarily on the assessment of the applicability of IPP for physician assistants, the design of a system of CME accreditation, and the maintenance of a roster of CME programs. Members of this committee reviewed the data collected about the Individual Physician Profile program, suggested other information to be obtained, and made recommendations regarding the program's applicability for physician assistants. The Evaluation Committee had a major role in the development of instruments, the review of data, and the making of recommendations regarding continuing medical education options and accreditation systems. Also, this committee reviewed the roster format for CME programs.

Members of the Evaluation Committee included educational specialists competent in criterion-referenced measurement, design of instructional materials, evaluation methodology, and clinical simulation. The Academy's Professional and Continuing Education Committee had two representatives serving on the Evaluation Committee. The ten members of the Evaluation Committee were:

Philip G. Bashook, Ed.D.
Chicago, Illinois

Robert J. Blakely
Chicago, Illinois

Sarah M. Dinham, Ph.D.
Tucson, Arizona

Stephen C. Gladhart, Ph.D.
Wichita, Kansas

Thomas R. Godkins, P.A.
Oklahoma City, Oklahoma

Jan L. Hagen, M.S.W.
Baltimore, Maryland

Paul F. Moson, P.A.-C.
Loretto, Pennsylvania

Robert R. Moutrie, Ph.D.
Newark, New Jersey

John E. Ott, M.D.
Washington, D.C.

Paul S. Toth, P.A.-C.
Durham, North Carolina

The seven-member Working Committee worked closely with the project staff in developing the Role Delineation for the Physician Assistant. This document was produced via the accomplishment of two tasks: verification of an earlier role delineation (included in the Curriculum Resource Document project) and determination of a position classification for the physician assistant profession. Members of this committee included practicing physician assistants, physicians (in private practice and hospital settings) who employ physician assistants, faculty of physician assistant training programs, and one representative from the Curriculum Resource Document project. The members of the Working Committee were:

Mack Bonner, Jr., M.D.
New York, New York

Trudy Jo Companiotte, P.A.-C.
Nashville, Tennessee

William E.g. De Alva, M.D.
Denver, Colorado

Carl E. Fasser, P.A.-C.
Houston, Texas

Stephen L. Joyner, P.A.-C.
Ayden, North Carolina

Allan B. Kunkel, M.D.
Cleveland, Ohio

Dan O. Myhre, P.A.-C.
Spokane, Washington

Representatives from major medical organizations with a significant interest in the physician assistant profession served on an Advisory Committee to review materials and provide input to the staff and the other

two committees for all phases of the study. Representatives from the two other committees for the contract served as liaison members on the Advisory Committee. The members of this committee reviewed and provided advice on data, interim reports, and conclusions and recommendations about the role delineation for the physician assistant, the Individual Physician Profile program, the system of CME program accreditation, and the roster of CME programs for physician assistants. The members of this Advisory Committee were:

Leo S. Bell, M.D., F.A.A.P., F.A.P.H.A.
San Mateo, California
American Academy of Pediatrics

Pearl H. Dunkley, R.N., Ed.D.
Kansas City, Missouri
American Nurses' Association

Carl E. Fasser, P.A.-C.
Houston, Texas
Representative of the Working Committee

Dan P. Fox, P.A.-C.
Oklahoma City, Oklahoma
American Academy of Physician Assistants

Thomas R. Godkins, P.A.
Oklahoma City, Oklahoma
Representative of the Evaluation Committee

Rolf M. Gunnar, M.D., F.A.C.P.
Maywood, Illinois
American Medical Association

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National Commission on Certification of
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American Society of Internal Medicine

Robert E. Jewett, M.D.
Dayton, Ohio
Association of American Medical Colleges

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East Lansing, Michigan
American College of Physicians

Dan A. Nye, M.D.
Kearney, Nebraska
Federation of State Medical Boards
of the United States

Frederic L. Schoen, M.D.
Indianapolis, Indiana
American Academy of Family Physicians

Daniel R. Thomas*
Chicago, Illinois
American Hospital Association

Harold Zintel, M.D., F.A.C.S.
Chicago, Illinois
American College of Surgeons

Finally, a Test Specifications Committee and a group of item writers helped to develop the self-assessment examination for physician assistants. The members of these groups are listed in the Preface to Volume III, Development of a Self-Assessment Examination for Physician Assistants.

*In May 1979, Thomas Atchison, Ed.D., replaced Daniel Thomas at the American Hospital Association.

ACKNOWLEDGMENTS

I wish to thank the project staff, consultants, and committee members (listed in the Preface) who gave so much of their time and experience. We owe a large debt of gratitude to Louis Quatrano, Ph.D., Margaret Wilson, Ph.D., and Robert Conant, Ph.D., for their contributions, advice, and leadership throughout the project.

Especial thanks, however, goes to those persons who worked as staff on contract activities for a limited period of time, particularly Judy A. Light for her creativity in research design, guidance, perseverance, and dedication to the project and the physician assistant profession during her tenure as project director (1976-1978). Also, professional staff support was provided by Ted Kastelic, Ph.D., and secretarial and administrative staff who worked efficiently and effectively on a variety of contract activities were Laura Friedman, and Susan Herre.

The staff for the contract would also like to thank others working in the National Office who took time out of busy schedules to review reports, coordinate activities, and offer suggestions. Such cooperation is appreciated.

A very special thanks goes to members of the physician assistant profession. The willingness of physician assistants to spend long hours completing forms, taking tests, and serving on committees is testimony to the enthusiasm and commitment of these individuals to their profession and its objectives.

Donald W. Fisher, Ph.D.

ABBREVIATIONS

AAPA	American Academy of Physician Assistants
AAFP	American Academy of Family Physicians
AMA	American Medical Association
APAP	Association of Physician Assistant Programs
CME	Continuing medical education
ICDA	International Classification of Diseases, Adapted
NCCPA	National Commission on Certification of Physician's Assistants
PA	Physician assistant

EXHIBITS

A - States and Their Code Numbers

B - Topic Codes

C - Roster of AAPA-Approved CME Programs, July 1976 to June 1978

D - Number of Programs Offered by Topic

E - CME Checklist Data

ABSTRACT

The American Academy of Physician Assistants (AAPA), under DHEW Contract Number HRA-231-76-0053, was to:

(1) suggest modifications to the AAPA's accreditation system for group-oriented CME programs;

(2) maintain a roster of such CME programs; and

(3) search for alternative means for physician assistants to maintain and update their skills and knowledge.

With advice from the project's Evaluation and Advisory Committees, a system was developed to cross-reference a roster of CME programs chronologically, by state, and by topic presented. A roster of 411 CME programs was maintained from July 1976 to June 1978.

CME checklist data on reasons PAs attend programs, how they feel they learn best, and how they evaluate programs was collected. Supervising physicians were also queried regarding CME for PAs.

Using roster information, the CME checklists, and personal expertise, the Evaluation and Advisory Committees suggested alterations in the AAPA's current CME accreditation system. A Coordinating Committee on CME Accreditation was proposed to utilize educational experts, practicing physician assistants, physicians, and program organizers in the accrediting process. This Committee's responsibilities would include:

(1) recognition of other medical organizations' CME accreditation mechanisms;

(2) individual CME program accreditation; and

(3) accreditation of sponsors of multiple CME programs yearly.

The Evaluation and Advisory Committees also recommended requirements for individual program and sponsor accreditation.

Alternative CME formats were discussed. Performance-based testing and self-assessment were areas where additional commitment of resources was proposed. The Role Delineation for the Physician Assistant could be helpful in ensuring that CME is offered in all areas of the PA role.

I. INTRODUCTION AND PURPOSE

The American Academy of Physician Assistants (AAPA) has long recognized continuing medical education (CME) as a means of helping to ensure the professional competency of physician assistants (PAs). CME, as recognized by the AAPA, may take the form of formally organized activities, or it may be the result of individual initiative. In 1973, the AAPA developed Guidelines for Continuing Medical Education in which there was provision for both the organized and individual approaches.

The 1973 Guidelines required organization members to earn 150 hours of CME every three years. Forty of these hours had to be obtained by participation in continuing medical education activities approved by the American Medical Association (AMA) or an AMA-recognized State Medical Association, the American Academy of Family Physicians (AAFP) or the AAPA. This requirement of 150 hours was changed to 100 hours every two years in 1975. This change was consistent with actions of the National Commission on Certification of Physician's Assistants (NCCPA) with regard to its two-year reregistration procedure for PAs.

The purpose of the CME requirement adopted by the AAPA remains twofold:

> To assist physician assistants in maintaining skills already learned and to serve as an impetus to acquire and develop additional health care skills; and
>
> To assure the public that physician assistants are systematically refining current skills and keeping abreast of new knowledge.

The AAPA recognized, however, that neither the act of requiring CME nor a growth in the numbers of CME programs ensured that this purpose was fulfilled. Only by ensuring the presentation of effective

continuing medical education activities could the AAPA help assure that physician assistants were obtaining the knowledge and skills to maintain their professional competency. Therefore, in an effort to promote the provision of quality CME for PAs, the Academy developed and adopted Guidelines for Recognition and Accreditation of CME Programs.

As the Academy's accreditation process has become recognized and as the physician assistant profession has grown, more CME organizers have been seeking AAPA approval of their activities. As a result, the Academy has become the repository of much information on CME activities that are being offered specifically for physician assistants, or at least including them as part of the intended audience.

The Academy has continually subjected its Guidelines for CME accreditation to scrutiny and revision. AAPA leaders also recognized that by obtaining information on the CME activities available for physician assistants, the Academy has both a potential source of data to be used for future planning and a potential service for the members of the profession through the dissemination of listings of available CME activities.

Consistent with its desire to assure quality CME and to serve as an information source for the profession, the AAPA proposed further investigation of a system of CME accreditation and the design and maintenance of a roster of CME programs.

The proposal for research on CME for physician assistants was developed at a time when the major emphasis was on a program format of the "lecture-learner" variety. Using this approach, physician assistants assemble in groups to participate in CME which is generally organized on a one-time basis in their behalf. Because this format has been the most often used, the design and execution of this study

on CME continually focused on such group-oriented programs. Even though the Academy has now developed a means of accreditation for CME in the form of self-learning materials which the PA may maintain as a reference over time (the term "enduring materials" has been applied to this type of CME), the project emphasis, and hence the emphasis of this report, will be on a system of accreditation and creation of a roster of programs with the one-time, group approach format.

In summary, the AAPA has long maintained that CME programs benefit from a review process which encourages careful planning according to the best tenets of educational effectiveness. The Academy also recognizes its potential as a central source of information on CME that is offered for members of the profession.

The AAPA constantly strives to improve the provision of effective CME, to plan for the future, and to search for alternatives. The purpose, therefore, of this project was to draw on the knowledge and experience of educational experts to:

(1) suggest modifications in design and/or emphasis for the AAPA's system of accreditation of group-oriented CME programs;

(2) maintain a roster of such CME programs; and

(3) search for alternative means for physician assistants to maintain and update their professional skills and knowledge.

The work described in this report was undertaken with full recognition that other forms of CME such as individualized instruction and self-assessment are available and are increasingly important in ensuring competency. Also, while not specifically addressing the content of the Role Delineation for the Physician Assistant (Volume II), there was general recognition in the discussion among committee members and project staff, that programs should be screened for their relevance to the PA role.

II. EXISTING AAPA ACCREDITATION SYSTEM

It is important, when seeking alternatives, to understand the nature of the existing AAPA accreditation system for CME programs. Therefore, as background to the work of this project, this section briefly describes the currently operating mechanism by which the AAPA accredits group-oriented CME programs.

The Professional and Continuing Education Committee of the Academy has developed a system of accreditation. According to the AAPA's current Guidelines for Recognition and Accreditation of CME Programs,[1] the purpose of any continuing medical education program is "to update one's medical and/or surgical knowledge and skills, thus rendering as competently as possible, health care services to patients."

To this end a CME program seeking AAPA accreditation is asked to submit the following information:

(1) name and address of the institution or organization submitting the application;

(2) names, credentials, and occupational titles of personnel on the planning committee for the proposed continuing medical education program;

(3) name of the principal contact person chairing the committee with his/her mailing address and telephone number;

(4) name and location of the facility where the CME program is to be held;

---

[1]A brochure has been developed by the AAPA which discusses in detail these Guidelines for Accreditation of CME Programs. This brochure is available for persons planning a program or seeking further information about the Academy's accreditation process through the Membership Division of the American Academy of Physician Assistants, 2341 Jefferson Davis Highway, Suite 700, Arlington, VA 22202.

(5) date of the program;

(6) estimate of the enrollment;

(7) registration or tuition fee for the CME program;

(8) listing of services available such as lodging, meals, and local transportation and the costs;

(9) listing of program expenses to include faculty honorarium, operating costs, and staff support costs;

(10) description of the assessment of practitioner need for the program;

(11) listing of the topics, and faculty responsible for each;

(12) tentative schedule reflecting the content of the continuing medical education program and the time allotted for each topic;

(13) statement of learning objectives for each topic;

(14) description of the teaching methods used for each topic;

(15) description of program and participant evaluation;

(16) copy of the application form and the program brochure (a draft if final copy is not available); and

(17) category and number of credit hours for which application is made.[1]

The AAPA seeks this information as a demonstration that there has been careful planning for the program for which accreditation is sought. Planning should be evident in terms of both the administrative and content-related phases of program development.

On the administrative side, the AAPA in its Guidelines, encourages organizers to seek financial support for the program in addition to the fees received from participants. The program should

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[1]No fee is currently required for accreditation. Therefore, "application fee" is excluded from this listing of what an organizer submits.

be coordinated to include other health professionals in the area and avoid duplication of effort in presenting CME. The facilities for the program should be conducive to learning and adequately accommodate the audience. They should also be supportive of the program's purpose, allowing accessibility to equipment, patient contact, the ability to break into small group workshops, etc. when appropriate.

The program content should be selected based on an assessment of practitioner needs. Objectives should be developed which state what participants are to obtain from the program, and might include the following: changes in attitude or approach toward the solution of medical management problems; updating of prior knowledge; and alteration of the behavior of the learner.

The program faculty should consist of physicians, physician assistants, and other health associated personnel of proven training and experience who are capable of discussing the topic(s) for which they are responsible. The instructors should also have knowledge of the role and function of the physician assistant.

In addition, the Academy encourages the use of teaching methods other than the traditional lecture format. Live clinics, rounds, and case problem-solving are among the teaching techniques suggested in the AAPA Guidelines. The Guidelines also suggest integration of audio-visual aids, group discussion, and question and answer sessions into CME programs with a lecture format.

Finally, the Academy recognizes the need to evaluate both the CME program and the achievements of the students. The objective of such evaluations is the increased effectiveness of future CME programs based on the results.

It should be noted that the Academy, while requesting a considerable amount of information about each program, has identified certain information that is most essential to the accreditation process. The information that is required from every program seeking AAPA accreditation is listed in summary fashion below:

(1) name and address of organization(s) submitting application;

(2) name and titles of persons planning the program;

(3) contact person;

(4) course fee;

(5) description of needs assessment;

(6) topic description;

(7) statement of learning objectives;

(8) evaluation method; and

(9) number of credit hours requested.

Organizers seeking AAPA accreditation are asked to submit their applications at least 60 to 90 days prior to the date the CME programs are held. Applications are reviewed by an AAPA staff person for completeness before being sent to a member of the Professional and Continuing Education Committee of the Academy for substantive review. If the program organizers have failed to submit required information, their materials are returned to be completed. If the materials are complete, the program is either approved for a certain number of credit hours or disapproved and the organizers so notified by the AAPA staff. If someone wishes to appeal the disapproval of a program, this appeal may be made to the AAPA Board of Directors.

Automatic recognition of approval by certain other organizations is one mechanism in the AAPA system which helps to limit the number of CME

programs which must be reviewed in the manner just described. As part of the AAPA's process, CME programs with AMA (now Liaison Committee on Continuing Medical Education) accreditation, approval by AMA-recognized state medical associations, or approval by the American Academy of Family Physicians are accepted by the AAPA.

Finally, it should be emphasized that the ultimate goal of the current AAPA accreditation system is to help ensure the continued competency of physician assistants through provision of relevant and effective CME programs. As the PA profession has been an evolving one, flexibility has been a keyword. The CME accreditation system was meant to encourage quality CME. It was not intended to be an encumbrance which would discourage the presentation of programs for physician assistants. As the production of CME for PAs becomes commonplace and the program organizers gain experience, one may expect more stringent application of the Guidelines for Recognition and Accreditation of CME Programs for Physician Assistants.

III. ROSTER OF CME PROGRAMS FOR PHYSICIAN ASSISTANTS

A CME program roster is one means of identifying what exists. Maintaining, reviewing, and organizing records of CME programs provides valuable information of a historical nature. These processes also provide a means by which AAPA staff can readily retrieve information in response to telephone inquiries, and could be the basis for a "master calendar" of programs to be distributed to physician assistants via newsletter or other media.

As part of this project, a system for maintaining a roster of CME programs was designed. This system was then applied to create a roster of the programs offered for PAs during the two-year period from July 1976 through June 1978. The methods for accomplishing these tasks and the results of these methods are discussed in the sections which follow.

A. Methods

There were two principal methodological components to the design of a CME roster system and the actual maintenance of the program listing. First, the project staff consulted with members of the Professional and Continuing Education Committee of the AAPA in order to determine which CME program records were maintained and in what form. Taking this information as a basis, the staff then proposed a potential design for the roster system. Second, this potential design was reviewed by the Evaluation and Advisory Committees to the project to obtain their suggestions for alterations and improvements.

In order to develop a roster of CME programs, the project staff:

(1) identified a feasible scope for the roster through review of available records;

(2) determined a method of ordering the complete set of information on each program to be included in the roster;

(3) designed a cross-referencing system by which one could easily determine programs that are available on a state-by-state and topic-by-topic basis; and

(4) monitored AAPA records to actually maintain and cross-reference a listing of CME programs for physician assistants.

Both the Evaluation and Advisory Committees were asked to review the procedural aspects of the organization of the roster. Through discussions structured around handouts describing the roster system, comments were obtained on the design and alternatives suggested.

B. Results

1. Scope of the Roster

Originally, consideration was given to maintaining a listing of any CME programs which PAs could attend for credit. This roster format would have included programs recognized by groups such as the AMA.

After careful consideration of the extensive resources required for such a task and the recognition that listings of such programs already exist, the staff decided to focus the design of the roster on programs applying for AAPA approval. Since the focus of other contract research and deliberations was on the Academy's system of accreditation, it was also considered most meaningful to the project to maintain a record of AAPA-accredited programs.

The Evaluation Committee accepted this more limited focus for the immediate project, but recommended that if the Academy were to implement a roster system, consideration be given to the inclusion of CME programs receiving automatic AAPA recognition. This could

be done by utilization of the state chapter network which would monitor such programs given at the local level and forward the information to a "national clearinghouse." One could also maintain a listing of CME contact persons within other organizations as an alternative to actually listing the programs in an AAPA roster, or as a means of periodically updating a comprehensive list.

2. Organization of Program Information

The staff determined that an effective way to organize information received about CME programs was to file it chronologically. This system would produce easy access to information on upcoming programs and facilitate answering telephone requests for information. It would also make it convenient to prepare a list on a monthly, bimonthly, or quarterly basis of all programs that are scheduled.

3. Cross-Referencing System

Of interest to many PAs is whether a CME program is being offered in their geographic area. The distribution of CME programs by topic category is of interest to program planners and accreditors as well as program participants. Therefore, as a component of the roster system, a means of cross-referencing the CME programs by topic and location was devised.

As a first step in the cross-referencing process an identification number was assigned each program. This number consisted of the date (month and year) of the program, the state (coded numerically) in which the program was held, and the topic (also coded numerically) of the program. A list of states and their code numbers is included as EXHIBIT A. The topic codes which were devised were a modified version of the major headings from the International Classification

of Diseases, Adapted (ICDA) system. These topic codes are attached as EXHIBIT B.

An example identification number is as follows:

$$\underset{\text{Month}}{04} - \underset{\text{Year}}{78} - \underset{\text{State}}{05} - \underset{\text{Topic}}{07}$$

Some modifications to this coding scheme were proposed by the Evaluation and Advisory Committees. The Evaluation Committee suggested further breakdown of some of the ICDA codes to reflect more adequately the topics covered by the CME programs offered for PAs. The Advisory Committee suggested that as programs become more specialized, it may be appropriate to expand or develop a coding scheme that would convey more specific topic-related information. The Role Delineation for the Physician Assistant (Volume II) might be useful as the basis for such an expanded topical coding scheme.

One must keep in mind, however, that the coding scheme must fit the program content. If the content is broad in scope, then the scheme must be tailored to apply to programs of this nature.

After the program identification number was assigned, listings of programs by state and topic were maintained using this number as a shorthand code for each entry.

Examples of state and topic summary sheets are presented below:

STATE

MICHIGAN
(23)

CME Code		Date	CME Code	Date
1.	01-78-23-17, 35	1/20-21/78	26.	
2.	06-78-23-03	6/23-25/78	27.	
3.			28.	
4.			29.	

TOPIC

03 ENDOCRINE, NUTRITIONAL, AND METABOLIC DISEASES

	CME Code	Date		CME Code	Date
1.	01-78-33-03	1/13 & 20/78	26.		
2.	01-78-10-03	1/21-22/78	27.		
3.	01-78-33-03	1/27/78	28.		
4.	03-78-06-03	3/18-19/78	29.		
5.	04-78-44-03	4/22-23/78	30.		
6.	05-78-39-03	5/20-21/78	31.		
7.	06-78-23-03	6/23-25/78	32.		
8.			33.		

In answering a request for a list of programs in Michigan, for example, one could use the Michigan register to identify the programs. Then, using the chronological file, other information about the programs (such as a contact person) could be quickly located.

Cross-referencing program entries by topic and state provided an organized means of tallying what was offered for physician assistants. It also pointed out weaknesses that exist in program distribution, both topically and geographically.

4. Maintaining a Roster of CME Programs Approved by the AAPA

Using Academy records, the project staff created a roster of CME programs which had requested AAPA accreditation of their credit hours during the period from July 1976 through June 1978. (Military programs were excluded from this roster because of their limited audience and automatic AMA approval.) This roster contained 72 entries for July 1976 to December 1976, 214 entries for January 1977 to December 1977, and 125 entries from January 1978 through June 1978 for a total of 411 scheduled programs. The roster was chronologically ordered. For each entry, the date, course title, roster identification number, address of a contact person or office, and the credit hours awarded were

recorded. (EXHIBIT C contains a copy of this two-year roster.) No formal attempt was made as part of this project to disseminate the roster information which was collected. The AAPA did, however, publish much of the information on available CME via newsletter or journal entries.

Depending on the future audience and means of dissemination of roster information it might be useful to consider inclusion of other program data. For example, for each roster entry one might want to indicate the exact (rather than state) location of the program and perhaps a telephone number of the contact person in lieu of, or in addition to an address.

Creation of this roster of AAPA-recognized CME programs provided some useful data on the number of programs offered by topic and location. It also provided information on the trend in number of CME programs seeking AAPA approval. From the roster entries, it is clear that the number of AAPA-approved programs is increasing.

It is also apparent that in most states there was at least one CME program offered which sought AAPA approval. There is, however, still considerable discrepancy among states in the number of AAPA-approved programs available. This discrepancy may be offset if there are courses offered which are recognized by the AAPA because of their approval via other accreditation mechanisms. Growth and strengthening of state physician assistant organizations may also increase the CME opportunities available in a wider geographic area.

The result of a tally of the roster entries by topic (see EXHIBIT D) showed that general and review courses were most frequently listed. Diseases of the circulatory system and emergency management courses were also among the most frequently offered.

This data suggests that if indepth coverage of a broad range of medical topics is desired, then there would have to be alterations in what is currently available. There would have to be a more systematic pattern to the choice of topics to complement the large number of general and review programs that are offered.

IV. SYSTEM OF CME PROGRAM ACCREDITATION

The AAPA's strong desire to continually review and improve CME-related policies and procedures resulted in a reappraisal of the mechanism for program accreditation. The existing accreditation mechanism and the roster of programs developed under this contract were a springboard from which the project staff and the contract's Evaluation and Advisory Committees could proceed to acquire additional data from PAs at CME programs and suggest alternative accreditation system designs and emphases.

A. Methods

Designing alternative CME accreditation mechanisms was accomplished primarily through two methods. The first method involved conducting meetings of the contract's Evaluation and Advisory Committees. Using primarily structured large and small group discussion, the nominal group technique, and role playing, member input was obtained and decisions made regarding alternate forms for an accreditation system for CME for physician assistants.

The second and complementary method involved the collection and analysis of information from:

- physician assistants who were taking part in group-oriented CME programs designed to maintain and/or improve their medical knowledge and skills; and
- supervising physicians of the PAs attending such programs.

1. Evaluation and Advisory Committee Meetings

The Evaluation Committee members were chosen for their expertise in the field of education. This committee used its expertise to:

(1) identify the goal(s) of continuing medical education;

(2) determine what data regarding CME it would be beneficial to have when designing alternative systems of CME accreditation;

(3) design checklist forms to obtain information from physician assistants and their supervising physicians regarding CME for PAs; and

(4) develop alternatives for a system of accreditation of CME programs, using as a basis for discussion and recommendations the checklist data from PAs and physicians, personal expertise, and the experience of the AAPA and other organizations.

Specifically with regard to the development of alternate approaches to the accreditation process for CME programs for PAs, the Advisory Committee:

(1) discussed the goals of CME with the Evaluation Committee members and reviewed and suggested modifications for a goal statement;

(2) suggested essential components of a system of accreditation of CME programs for PAs; and

(3) reviewed the work done by the Evaluation Committee with regard to the design of a system of accreditation and suggested modifications and additions to the product as presented.

2. CME Checklist Data

To help the Evaluation Committee members when they discussed the form that a system of accreditation might take, data was collected on CME programs specifically designating physician assistants as the intended audience. Checklists were developed by the Evaluation Committee members and project staff in consultation with Dr. Richard C. Cox, a measurement and evaluation specialist from the University of Pittsburgh. In order to have data on the effect of CME on physician assistants as well as information regarding physicians' opinions of CME for PAs, brief checklists were developed for both groups.

Data was collected from physician assistants about:

(1) their reasons for selecting a CME program to attend;

(2) their impressions of and what they felt they had learned at a particular program; and

(3) their degree of implementation of what they had learned two months following a program and their suggestions for improvement in CME for PAs.

PAs were asked to indicate why they selected a CME program at the beginning of that program. Within two weeks they provided some immediate reactions to the program and listed items that they had learned. After two months had elapsed, the PAs were asked again, via checklist, if they had implemented the items they learned. A two-month period between a program and the mailing of this last checklist was selected because it seemed to allow the PA time to implement what he/she learned without forgetting where and when the learning took place.

Because of the unique professional relationship between physician assistants and physicians, supervising physicians of approximately half of the PA checklist respondents were asked to provide the names and addresses of their supervising physicians. These physicians were then queried regarding their impressions of CME for PAs and their interactions with the PAs they supervise with regard to CME attendance and knowledge and skill implementation. These physicians were contacted two months after each CME program, at the same time the PAs were asked to describe the degree to which they had used what they learned in practice.

Academy records were used to identify CME programs which were scheduled from late June through October 1978. Information was collected at programs which had requested and received AAPA approval for CME credit. Programs not specifically designed for PAs, programs held on a weekly basis or of under a day's duration, and programs for which there was no

record of Academy approval at least one week prior to the date of the presentation were excluded from the data collection effort. In addition, data was collected only once within a given state.

All told, 64 programs were granted AAPA approval from late June through October 1978. Of these 64, 15 were offering under five hours of credit, 11 were not specifically for PAs, two were granted approval after the fact, and six were held in states where another program was offered. This left 30 programs from which to obtain participant data.

The checklists which had been developed for PAs and their supervising physicians were pilot tested at two CME programs in early June 1978. After some modifications in the checklists, the data collection began in earnest in late June. Checklists were administered to PAs at 23 CME programs held during the summer and fall of 1978. Seven programs were excluded from the data collection plan due to their distance from the AAPA national office (e.g., Alaska), a conflict of date and time with another program, or identifying them too late to make the appropriate arrangements for checklist distribution.

In order to cause minimum disruption for CME program organizers, staff members asked permission to personally distribute checklists during the registration period for each program from which data was collected. Cooperation from CME program sponsors was excellent.

To obtain responses of physician assistants with extensive experience with CME programs, project participation was limited to 1976 or earlier graduates of AMA-approved PA training programs and/or physician assistants certified by passing the fall 1976 examination administered by the National Commission on Certification of Physician's Assistants. Respondents to the CME checklist were screened on-site by project staff

for year of graduation and/or certification whenever possible and the information sheet that accompanied the checklist material stipulated the requirements for participation in the project.

In addition to checklist responses from PAs and their supervising physicians, CME program-related data was collected and tallied regarding such things as the days of the week when the program was held, the tuition at the program, whether and how the need for the program was assessed, and whether learning objectives were provided. For each presentation within a program, information was tallied on the instructor's credentials, the topic covered, and the teaching methods used.

B. Results

1. Data Collection from CME Participants and Their Supervising Physicians

a. Response Rates

Seven hundred and ninety-two CME checklist packets were initially distributed. Forty-seven percent (371) of the physician assistants receiving these packets returned their first checklist materials and were therefore sent a two-month follow-up checklist. Of these 371, 84 percent (313) responded to the checklist they received two months after the program in time for their data to be computer analyzed.

One hundred and sixty-two supervising physicians were contacted two months after the CME programs and asked their opinions of CME for physician assistants. Of these 162, 119 responded, for a response rate of 73 percent.

b. Comparability of CME Checklist Respondents to the Entire Population of 1976 or Earlier Graduates

To determine if the physician assistants who responded to the CME checklists were similar to the entire population of 1976 or earlier graduates in terms of their practice settings, their major

and secondary medical fields, and the major and secondary medical fields of their supervising physicians (these variables were suggested by Evaluation and Advisory Committee members as possible influences on the CME activities and opinions of PAs), a comparison was made between the groups. This was done using data from the Association of Physician Assistant Programs' 1978 National Survey of physician assistants. The result of this comparison was that the CME checklist respondents appeared similar to the group of 1976 or earlier graduates responding to the National Survey for the variables specified.

c. Analysis of Data

Response frequencies were provided to the Evaluation and Advisory Committees for each item on the CME checklists. This data is included as EXHIBIT E. As the data was analyzed, it became apparent that certain information would be useful to program planners as well as persons seeking alternative methods for the recognition and accreditation of CME programs.

Program planners would probably have more interest, for example, in the arrangements physician assistants have with their employers for time off to attend CME. Only nine percent of the physician assistants who responded to the checklists (N = 308 due to elimination of duplicate respondents) indicated they received no days off for CME per year. Ten percent received between one and four days off. Thirty-six percent of the respondents had from five to nine days off for CME and 21 percent had ten or more days off per year.

The major reasons that PAs had for attending CME programs might also be of interest to program planners as well as helping in CME accreditation system design by pointing out what participants look for in a program. Of similar interest are the factors which supervising

physicians said are most critical in their choices to recommend CME programs to PAs.

Almost half (N = 142) of the physician assistants who agreed to complete CME checklists were asked what their major reasons were for attending the CME program at which they were recruited as project participants. Checklist 1 in EXHIBIT E provides the responses categorized by reasons for attending the CME program.

A summary of the responses for the categories chosen most frequently is as follows: 77 percent of the PAs indicated fulfillment of NCCPA certification requirements as a major reason for attendance, 68 percent checked the opportunity to maintain previously learned skills and knowledge, 65 percent the expectation that the information will be useful in practice, and 62 percent the topics offered. Opportunity to acquire new skills and knowledge, and convenience to home were also frequently cited (59 percent and 56 percent respectively) by the PAs completing the checklist.

Supervising physicians (N = 119) most often indicated that the opportunity to acquire new skills and knowledge would be critical to their recommendation of a CME program to the PA(s) they supervise. Topic(s) offered and the expectation that the program information would be useful in practice were also important in determining physicians' recommendations, as they were in PAs' selection of CME programs to attend. Opportunity to maintain skills and knowledge was not as important in physician recommendations as in PA choices to attend a program, but 53 percent of the physicians did check it as a critical factor for them. A complete breakdown of physician responses regarding the factors which would influence them to recommend a CME program is contained in Checklist 4, Question 2 found in EXHIBIT E.

Both program planners and designers of CME accreditation mechanisms might also be interested in physician opinions about which factors would be most critical in determining whether they would favor the implementation of something learned at a CME program by the PAs they supervise. The factors most often cited by the physicians as being critical were: the usefulness for the practice of what is to be implemented (78 percent of the physicians); personal observation the first time the PA implements what was learned (75 percent of the physician respondents); personal familiarity with knowledge and skills to be implemented (72 percent of the respondents); and personal discussion with the PA of the knowledge and skills prior to implementation (67 percent of the physicians). Except for program usefulness via content, the critical factors for implementation were not, however, within the direct control of either an accrediting body or program planner. Least important factors in determining the supervising physicians' attitudes toward implementation (also outside of accreditors' and planners' direct control) were personal attendance at the programs with the PAs tney supervise and attendance at a previous program covering similar material. For a complete listing of the response percentages for all answers see Checklist 4, Question 9 in EXHIBIT E.

Overall ratings of CME programs as well as responses to the question, "In what way(s) could CME programs for PAs be made more beneficial?" also offered promise of information for accreditors/planners about the current system of CME. The use of an open-ended question allowed physician assistants as well as physicians the freedom to voice their specific concerns.

Overall ratings of CME programs by PAs were generally good. Of the PA checklist respondents (N = 313), 39 percent said the programs they were

attending were outstanding, 51 percent found them good, and nine percent found them acceptable. (EXHIBIT E, Checklist 2 includes this data.)

Similarly, when physicians were asked how useful it is for PAs to attend CME, 75 percent (N = 119) thought it was very useful and 23 percent thought it somewhat useful. Only one percent of the physicians thought it was not useful. (This data is reported in EXHIBIT E, Checklist 4.)

When given the opportunity to suggest ways to improve CME, seven percent of the physician assistant checklist respondents (N = 308) indicated they were content or satisfied with CME as offered. Both physicians and PAs concurred in their recommendations that more practical topics should be offered, there should be more programs and seminars, and more participant workshops should be held. Both groups were also somewhat supportive of more geographically convenient CME programs. However, the physicians did specifically advocate weekend and evening sessions. (The physician and PA responses to the open-ended questioning are also included in EXHIBIT E, Checklists 3 and 4.)

In an effort to obtain information of particular relevance to CME accreditation, physician assistants were asked, at the conclusion of the CME program at which they were recruited as project participants, to list six items they had learned at the program. (In EXHIBIT E, Checklist 2, one can see the questions that were asked. This data was not tabulated in any way and hence is not reported. Rather participants' responses were fed back to them individually.) These PAs were then followed up two months later to see if they had used what they had learned in practice. To try to identify CME program characteristics that lead to implementation of what is learned, the three programs with the highest and the three with the lowest rates of participant implementation of program

information (as measured by the checklist responses) were compared according to their design characteristics, the opinions of PAs attending, and physician checklist responses. (In EXHIBIT E, Checklist 3, Questions 1 through 6, one can see the percentage, for all programs together, of PAs who indicated they had implemented what they learned. In order to make the comparison of participation rates most meaningful, only figures for Items 1, 3, and 5 which participants most frequently planned to incorporate in practice were compared among programs.)

Only one factor differentiated the group of high implementation rate from the group of low implementation rate programs. CME programs with higher implementation rates were more likely to have physicians respond that the PAs they supervise usually return from CME programs with newly acquired skills and knowledge suitable to implement in practice. Program-related factors such as adequate facilities, presence of objectives, use of appropriate teaching methods, etc.--at least as ascertainable from paper documentation-- did not appear as important to implementation as the positive, anticipatory attitude of a supervising physician.

d. Other Approaches to Data Collection and Analysis

Asking physician assistants about CME programs they attended produced generally positive responses regarding program facilities, faculty, and content. Participants' opinions did not seem to vary according to the rates with which they reported they implemented what they learned. Neither did the programs with high and low implementation rates appear to differ according to the dimensions of faculty qualifications, teaching methods, provision of objectives, etc.

Of course, the checklists measured PA perceptions of implementation rates. It is possible that these perceptions may not have reflected reality. Another means of measuring the rate of implementation of items PAs learned at CME programs would be to ask the opinion of the supervising physician in practice. Because the Evaluation Committee and the project staff felt that such a research design might interfere with established physician assistant-physician relationships, this type of approach was ruled out for this project.

The inability to differentiate between high and low implementation rate programs on the basis of their organizational characteristics might also be explained by the fact that most of the CME programs which the PAs attended were of the familiar "lecture-learner" variety. An alternate research approach might be to carefully screen programs to include those using different teaching methods, exhibiting different levels of faculty qualifications, etc., to see if one method is more effective than another.

In a closely related vein, the program as a unit of analysis may be too large. It may be that indepth comparisons of individual presentations (to include consideration of the topics and levels at which they are directed) within and between programs might point out more effective CME formats which should be rewarded by an accreditation system.

Finally, a checklist format may simply be inadequate to determine participants' true reactions to a CME program. Personal interviews at the program site and on the physician assistants' return to practice might yield useful data to point to what an accreditation system should emphasize to assure effective continuing medical education.

2. Alterations in the Design of a System of CME Program Accreditation

The Evaluation Committee for the contract, working in conjunction with the project staff, took information about the existing accreditation systems of the AAPA and other medical organizations, the data from the checklists regarding CME programs for PAs, and the suggestions and criticisms from the Advisory Committee and arrived at a set of recommendations for alterations in the AAPA's accreditation process.

a. Goals of CME

To effectively consider alterations in an accreditation system of CME programs for physician assistants, it was first necessary to establish an understanding of what continuing medical education is to accomplish. The Academy has developed a definition of CME and a statement of purpose. After considerable discussion of the goals of CME, the Evaluation and Advisory Committees concluded in a manner similar to the AAPA that:

> The goal of CME is to maintain, update, and expand the knowledge and skills of the practitioner and encourage appropriate professional attitudes in order to assure the provision of quality health care for patients.

The committees' deliberations also produced further expansion and clarification of this single statement. The term "quality health care" is used in this statement because the goal of continuing medical education should be the best reasonable application of the "state of the art" in medicine as represented by the consenus of the medical community. Such quality health care should be provided with efficient and effective use of resources (people with their accumulated knowledge, equipment, and facilities) and should take into consideration each patient's social, cultural, and economic background and capabilities.

Continuing medical education activities should focus on the knowledge and skills necessary in direct patient care as well as on the professional role of the physician assistant who provides that care. Specific objectives for CME relating to patient care and professional role are as follows:

Patient Care:

1. Assure or improve the physician assistant's medical competence.

2. Help the physician assistant be aware of his/her own professional attitudes/values, skills, and knowledge as they impact on patient care.

Professional Role:

1. Help all professionals adapt to changes in health practitioner roles.

2. Help the physician assistant to improve the delivery of health care.

3. Bring about physician assistant responsibility for self-directed lifelong learning, including providing the physician assistant with the desire and skill to assess, plan, and implement his/her own continued learning.

4. Make available information on the policies, laws, and regulations affecting practice as a physician assistant.

5. Promote confidence and self-esteem in the physician assistant role.

b. System Structure

The AAPA currently uses a system of individual program accreditation implemented by the members of the Professional and Continuing Education Committee with the aid of AAPA staff.

The consensus of the Evaluation Committee was that in order to expand the knowledge base for the accrediting process, as well as its representative nature, a Coordinating Committee on CME Accredita-

tion be appointed by the Academy. The composition of this committee would consist of at least one and not more than two persons from each of the following categories:

(1) Educator (representative of the Association of Physician Assistant Programs),

(2) Physician assistant (representative of the American Academy of Physician Assistants),

(3) Physician employer and/or educator,

(4) Provider of CME for physician assistants.

Staff in the AAPA national office would assist this committee.

This Coordinating Committee would have the responsibility for review and approval of CME activities. Specifically, the committee would:

(1) accept the CME accreditation mechanisms of other medical organizations in lieu of AAPA approval for group-oriented programs;

(2) review individual CME programs desiring AAPA accreditation; and

(3) accredit sponsors of multiple[1] CME programs yearly.

These responsibilities of the Coordinating Committee are presented diagrammatically on the following page.

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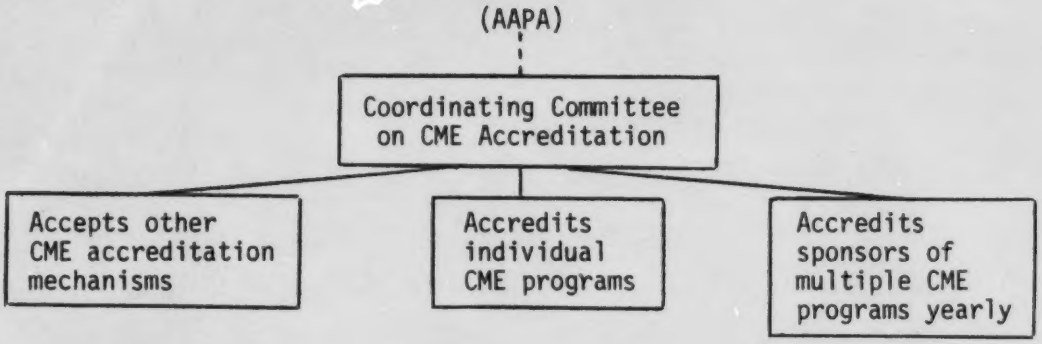
[1]Program accreditation would be used by organizations coordinating only one or two programs annually. If an organization puts on more programs, it would seek sponsor accreditation.


(AAPA)
Coordinating Committee on CME Accreditation
Accepts other CME accreditation mechanisms
Accredits individual CME programs
Accredits sponsors of multiple CME programs yearly

The basic responsibilities for accreditation which now reside with the AAPA's Professional and Continuing Education Committee would essentially be transferred to the Coordinating Committee. The additional function included in this system would be the accreditation of sponsors of CME. While inclusion of sponsor accreditation might appear to be an expansion of the workload, the Evaluation Committee felt that as the number of programs put on by one organization grows, this modification would prevent an overload of the accreditation system in the future.

c. System Process

The actual process of accreditation would experience only limited modification if Evaluation Committee recommendations were adopted. The Evaluation Committee recommends the continued recognition of programs and sponsors accredited by other organizations including the American Academy of Family Physicians, the Liaison Committee on Continuing Medical Education, and State Medical Associations.

The AAPA office staff would continue to conduct a preliminary review of accreditation applications of programs and sponsors for completeness and make comments and suggestions. To keep costs manageable, review of accreditation applications would, for the present, continue via the mails.

The Evaluation Committee also concurred with current AAPA time requirements for processing applications. The Evaluation Committee

preferred the submission of applications at least six months in advance of the time approval is needed and suggested that the minimum time for processing an application be set at 30 days.

The Evaluation Committee agreed with current Academy policy that if an application for accreditation is rejected, then an appeal can be heard by the AAPA Board of Directors (perhaps in conjunction with the Board of the Association of Physician Assistant Programs). The Evaluation Committee did suggest that the Board(s) could designate a committee for this purpose should the volume of appeals warrant such action. This committee would consist of Board(s) representatives.

Currently, the AAPA charges no fee for accreditation of group-oriented CME programs of the "lecture-learner" type. The Evaluation Committee recommended that when a fee is set, it should be kept as low as possible but should be sufficient to cover the administrative costs of accreditation. Financial incentives could also be used to make it attractive to submit sponsor rather than program accreditation if an organization was responsible for several programs yearly.

Two significant additions to the process by which accreditation is granted were proposed by the Evaluation Committee. One was the addition of a provision for possible site visits. A site visit could be conducted if the feedback on program adequacy called into question the decision to accredit either a program or sponsor.

The second addition would assign the Coordinating Committee on CME Accreditation the task of maintaining a list of persons with experience in educational program development who are willing to provide advice to designers of CME for PAs. If a program or sponsor

fails accreditation, someone can be recommended to help modify the original plans.

d. Requirements for Individual Program Accreditation

The Evaluation Committee identified information that every applicant for accreditation should submit and also suggested some additional guidelines which program planners should be encouraged to follow. It was the intent of the Evaluation Committee in suggesting these "requirements" and "guidelines" that they be applied in a flexible manner to promote and not prohibit the planning of effective CME.

In the opinion of the Evaluation Committee members each applicant for program accreditation should be required to submit the following:

(1) statement of the purpose of the program;

(2) objectives for the program;

(3) statement of how the need for the program was determined;

(4) statement clearly identifying the prospective audience for the program;

(5) evidence that the topic(s) is appropriate to the audience;

(6) evidence that teaching methods are appropriate to objectives and topic(s);

(7) evidence that the faculty is qualified by experience and/or training in the topic(s) to be offered;

(8) evaluation plan with feedback to participants;

(9) evaluation plan for the program; and

(10) provision for verifying attendance to the program participants and to the accrediting agency.

In addition to the information which must be submitted by a program organizer, the Evaluation Committee suggested some further guidelines that program planners should follow. The Evaluation

Committee suggested that program organizers:

(1) demonstrate their thoroughness of planning by describing their planning procedures, the extent of PA involvement in program planning and development, and the coordination of the length of the program with the subject matter to be covered;

(2) consider the date of the program carefully to eliminate conflict and competition with other professionally relevant meetings;

(3) ensure that the schedule of presentations relates to the overall program objectives;

(4) provide objectives for each topic offered;

(5) determine that the goals of the program are consistent with those of the profession; and

(6) identify and make use of strategies to handle the varying individual competencies of CME program participants.

Current AAPA requirements for CME program accreditation are in some ways similar to the requirements and guidelines suggested by the Evaluation Committee. A tabular comparison summarizes the similarities and differences in emphasis.

AAPA	Evaluation Committee
Required	Required
Name and address of applicant	
Names and titles of program planners	
Contact person	
Course fee	
Description of needs assessment	Statement of how need was determined
Topics, faculty, schedule	Evidence that the topic(s) is appropriate to objectives
	Evidence that the faculty are qualified by experience and/or training in the topic(s) to be offered
Statement of learning objectives for each topic	Objectives for the program
	Statement of the purpose of the program
Evaluation method	Evaluation plan with feedback to participants
	Evaluation plan for program
Number of credit hours requested	
	Statement clearly identifying the prospective audience for the program
	Evidence that teaching methods are appropriate to objectives and topic(s)
	Provision for verifying attendance

AAPA	Evaluation Committee
Supplemental	Supplemental
Name and location of facility where program will be held	
Estimated enrollment	Demonstration of thoroughness of planning by describing planning procedures, PA involvement in program planning and development, and coordination of the length of the program and subject matter to be covered
Listing of services available such as lodging, meals, and local transportation and costs	
Listing of program-related expenses and operating costs	
Date of the program	Consideration of date to eliminate conflict with other professionally relevant meetings
Description of the teaching methods used for each topic	
Copy of the application form and program brochure	
	Statement of learning objectives for each topic
	Relationship of schedule of presentations to overall program objectives
	Determination that the goals of the program are consistent with those of the profession
	Use of strategies to handle the varying individual competencies of program participants

e. Requirements for Accreditation of Program Sponsors

The Evaluation Committee reserved sponsor accreditation for persons or organizations systematically presenting CME programs. The accreditation granted under this system would only apply to the group-oriented, "lecture-learner" type of CME and would not be transferable to any "enduring materials" developed by the sponsor.

The Evaluation Committee again stressed flexibility at least in the initial application of requirements for sponsor accreditation. The committee recommended that each applicant seeking sponsor approval should:

(1) present overall objectives for CME (and develop specific objectives for programs as presented);

(2) provide a description of the program planning process to include the person(s) responsible and the procedures followed;

(3) present evidence through budget information of commitment to the presentation of CME;

(4) demonstrate methods to be used to select teaching staff qualified in terms of content and knowledgeable of the role and function of the physician assistants;

(5) demonstrate an understanding of the use of educational methods to enhance participant learning;

(6) demonstrate the ability to appropriately design a curriculum to explore topics relevant to physician assistants;

(7) demonstrate access to and the ability to use to advantage facilities suitable for CME presentations;

(8) provide evidence of ability and plans to evaluate program participants and the programs themselves (where possible this should include sample forms);

(9) present methods for acknowledging a person's participation in CME;

(10) demonstrate the ability to maintain records of physician assistants' attendance at programs for future reference;

(11) provide feedback to the accrediting agency regarding the number of physician assistants enrolled in programs and regarding program effectiveness; and

(12) follow the program accreditation requirements and guidelines excluding sending a list of participants from each program to the AAPA's national office.

In the opinion of the Evaluation Committee, sponsors should have to seek reaccreditation perhaps only every three to five years. Also, if a consortium of CME organizers is approved as a sponsor, the accreditation does not transfer on an individual basis to each organizer.

f. Accreditation of Other Formats for CME

The focus of the deliberations of the Evaluation and Advisory Committees was on alternatives to a system of accreditation for CME programs in the traditional "lecture-learner" format. In the opinion of the Evaluation Committee, other formats for continuing medical education such as "enduring materials" should adhere to the requirements and guidelines for group-oriented programs. The specifics of the accreditation of such programs, as well as the design of accreditation systems for future CME formats would be the responsibility of the Coordinating Committee for CME Accreditation perhaps working in conjunction with the AAPA's Professional and Continuing Education Committee.

V. FACTORS INFLUENCING DEVELOPMENT OF CME OPTIONS

To help assure that physician assistants' professional competencies are continually maintained, the traditional forms of continuing medical education have been embraced. Physician assistants attend programs, read articles, and complete self-instructional units at home. No one is really sure, however, whether any of this activity changes and/or maintains behavior in practice. Neither is anyone really sure that CME is available covering the entire range of minimum PA competencies.

Future emphasis should be placed on trying to determine what forms of continued learning prove most effective for practitioner needs. Which learning formats are most likely to reinforce correct behavior patterns and which would be useful to modify antiquated methods of patient care?

There exists considerable interest at present in the development of personal, localized means for assessing competency and in the use of performance-based testing procedures. The self-assessment approach has the advantage of putting the practitioner in competition with him/herself. There is no potentially adversary relationship with a testing agency. If it is unrealistic to expect formal CME programs of a few hours in length to provide all the information a physician assistant needs to maintain his/her skills, then anything that encourages personal determination of weaknesses and motivates an individual to correct deficiencies is a valuable tool. To complement a system of self-assessment, there should also be a listing of resources available to the practitioner as he/she strengthens areas of identified weakness.

The Evaluation Committee, as part of their deliberations, recommended that substantial amounts of available resources be devoted to research and implementation of performance-based testing. Given the clinical nature of

the physician assistant's role, actual review of performance by peers, physician supervisors, through chart audits, etc. is invaluable in assuring that quality health care is actually being provided the patient. Teaching methods such as mini-rotations geared to reinforcement of clinical competencies could be used to further direct CME towards performance objectives.

In addition to the format of learning experiences, care should also be taken to assure that CME is offered in all areas of the PA role. The Role Delineation for the Physician Assistant (Volume II of this series of reports) identifies minimum competencies of PAs and could be used by planners in selecting topics, as well as by accreditors of programs to determine (1) if a particular program is relevant to PAs, and (2) if programs need to be offered more frequently on certain topics.

VI. SUMMARY

The Academy's desire to serve the members of the physician assistant profession through provision of effective continuing medical education activities prompted a proposal to:

(1) suggest modifications in design and/or emphasis for the Academy's system of accreditation of group-oriented CME programs;

(2) maintain a roster of such programs; and

(3) search for alternative means for physician assistants to maintain and update their professional skills and knowledge.

The project staff, with the aid of a ten-member Evaluation Committee composed of educational experts and a fifteen-member Advisory Committee representing major medical organizations, suggested a system for cross-referencing a roster of CME programs for physician assistants. This cross-referencing was done by topic and location. For the two-year period from July 1976 to June 1978, 411 programs were identified for inclusion in this roster. Based on the roster entries, an upswing in the number of CME programs seeking AAPA accreditation is detectable.

As background information for the suggestion of possible alterations to the AAPA's current CME program accreditation system, data was also collected from physician assistants regarding CME programs they attend. Because of the unique relationship of PAs and their supervising physicians, checklists were also designed to elicit these physicians' opinions of CME for PAs.

Using both the roster and checklist results, the Evaluation and Advisory Committees to the contract suggested an alternate design for the AAPA's current system of CME accreditation. A Coordinating Committee on CME Accreditation was proposed which would utilize educational experts,

practicing physician assistants, physicians, and program organizers in the accrediting process. The responsibilities of this committee would include:

(1) recognition of the CME accreditation mechanisms of other medical organizations;

(2) individual CME program accreditation; and

(3) accreditation of sponsors of multiple CME programs yearly.

In addition to an accreditation mechanism for CME that exists, alternative formats for CME were discussed. Performance-based testing and self-assessment approaches were areas in which additional commitment of resources was proposed. Care should be taken in the future to assure that CME is available covering the entire range of minimum competencies outlined in the Role Delineation for the Physician Assistant.

EXHIBIT A

States and Their Code Numbers

EXHIBIT A

State Codes

Code	State	Code	State
00	Ocean Cruise, etc.	26	Missouri
01	Alabama	27	Montana
02	Alaska	28	Nebraska
03	Arizona	29	Nevada
04	Arkansas	30	New Hampshire
05	California	31	New Jersey
06	Colorado	32	New Mexico
07	Connecticut	33	New York
08	Delaware	34	North Carolina
09	Washington, D.C.	35	North Dakota
10	Florida	36	Ohio
11	Georgia	37	Oklahoma
12	Hawaii	38	Oregon
13	Idaho	39	Pennsylvania
14	Illinois	40	Rhode Island
15	Indiana	41	South Carolina
16	Iowa	42	South Dakota
17	Kansas	43	Tennessee
18	Kentucky	44	Texas
19	Louisiana	45	Utah
20	Maine	46	Vermont
21	Maryland	47	Virginia
22	Massachusetts	48	Washington
23	Michigan	49	West Virginia
24	Minnesota	50	Wisconsin
25	Mississippi	51	Wyoming

EXHIBIT B

Topic Codes*

*These codes are based in large part on the International Classification of Diseases, Adapted (ICDA) system.

EXHIBIT B

TOPIC CODES

00 No Information on Topic
01 Infectious and Parasitic Diseases
02 Neoplasms
03 Endocrine, Nutritional, and Metabolic Diseases and Immunity Disorders
04 Diseases of the Blood and Blood-Forming Organs
05 Mental Disorders
06 Diseases of the Nervous System and Sense Organs
07 Diseases of the Circulatory System
08 Diseases of the Respiratory System
09 Diseases of the Digestive System
10 Diseases of the Genitourinary System
11 Complications of Pregnancy, Childbirth and the Puerperium
12 Diseases of the Skin and Subcutaneous Tissue
13 Diseases of the Musculoskeletal System and Connective Tissue
14 Congenital Anomalies
15 Causes of Perinatal Morbidity and Mortality/Neonatology
16 Symptoms, Signs, and Ill-Defined Conditions
17 Accidents, Poisonings, and Violence
18 General Exam/Diagnostic Skills
19 Radiologic Exam/Radiotherapy/Nuclear Medicine/Radiology
20 Well Baby and Child Care/Pediatrics
21 Contraception/Family Planning/Family Relations/Sexuality
22 Laboratory Exam/Pathology
23 Surgery/Post-Operative Care/Rehabilitation
24 Practice Management/Medico-Legal Problems/Financial Planning
25 General and Review Programs
26 Tours and Cruises
27 Population and Ecology/Occupational Health and Safety
28 Sports Medicine
29 Preventive Medicine/Community, Rural Medicine/International Health/Occupational Health and Safety
30 Geriatrics
31 Adolescent Medicine
32 Alcoholism, Child Abuse, Social Problems
33 Miscellaneous
34 Pharmacology
35 Emergency Medicine - Specified by Body System
36 Nonclinical-Administrative, Educational

EXHIBIT C

Roster of AAPA-Approved CME Programs
July 1976 to June 1978

ROSTER OF AAPA APPROVED CME PROGRAMS

for the period

JULY 1, 1976 - JUNE 30, 1978

1976 - No or Nonspecific Date

1. Ciba Medical Horizons Program (-76 -00)

   Contact: John H. Graham
   556 Morris Avenue
   Summit, New Jersey 07901

2. "Diagnosis and Management of Skin Lesions" (-76-06-12)

   Contact: Joe Scott, PA-C
   1780 Gilipin Street
   Denver, Colorado 80218

   Credit: 1 hr.

July 14-October 20, 1976

3. "Clinical Problem Seminars for the Physician's Assistant and Nurse Practitioner" (07-76-05-25)

   Contact: Howard Taub, MEDEX Program
   Charles R. Drew, Post Graduate Medical School
   Los Angeles, California 90059

   Credit: 12 hrs.

July 14, 1976

4. "Cholangiography" (07-76-06-09)

   Contact: Joe Scott, PA-C
   1780 Gilipin Street
   Denver, Colorado 80218

   Credit: 1 hr.

July 16-17, 1976

5. "Abstracts in Primary Care" (07-76-11-25)

Contact: J.L. Swinford, PA
G.A.P.A. P.O. Box 2037
Decatur, Georgia 30030

Credit: 12 hrs.

July 24, 1976

6. "Florida Academy CME Program" (07-76-10-25)

Contact: Randy Bennett, PA
Florida Academy of Physician Assistants
3910 N.W. 35th Place
Gainesville, Florida 32601

Credit: 6 hrs.

July 31, 1976

7. "Cinecystoscopy" (07-76-06-10)

Contact: Joe Scott, PA-C
1780 Gilipin Street
Denver, Colorado 80218

Credit: 1 hr.

August 5-6, 1976

8. "Current Therapeutic Approaches to Medical and Surgical Problems" (08-76-01-25)

Contact: Wayne D. Bottom, B.S., PA-C
Physicians' Assistant Program
Department of Medicine, University Station
Birmingham, Alabama 35294

Credit: 10 hrs.

August 17-19, 1976

9. "Physician Extender Seminar" (08-76-03-25)

Contact: Leland L. Fairbanks, M.D.
Director, Medical Education
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 15 hrs.

August 21, 1976

10. "Emergency Airway" (08-76-06-35)

    Contact: Joe Scott, PA-C
    1780 Gilipin Street
    Denver, Colorado 80218

    Credit: 1 hr.

August 26-27, 1976

11. "Current Medical Concepts for Physicians' Assistants" (08-76-28-25)

    Contact: Len O'Neill, PA
    Physician's Assistant Program
    University of Nebraska
    Omaha, Nebraska 68105

    Credit: 14 hrs. 30 min.

August 27, 1976 - November 13, 1976

12. "Continuing Education and Review for National Examination for Nurse Practitioners and Physician Assistants" (08-76-32-25)

    Contact: Darlene Jelinek, R.N., F.N.P.
    The University of New Mexico, School of Medicine
    Department of Family, Community, and Emergency Medicine
    Albuquerque, New Mexico 87131

    Credit: 49 hrs. 30 min. (all sessions)

August 28, 1976

13. "N.Y.S.S.P.A. Continuing Medical Education Program" (08-76-33-25)

    Contact: Douglas Condit, Jr., RPA-C
    The New York State Society of Physicians' Assistants
    111 East 210th Street
    Bronx, New York 10467

    Credit: 6 hrs.

September 4-5, 1976

14. "New Mexico Academy of Physician Assistants CME Seminar" (09-76-32-25)

    Contact: Lawrence J. Valdo, PA-C
    New Mexico Academy of Physicians' Assistants
    P.O. Box 7226 Old Town Station
    Albuquerque, New Mexico 87104

    Credit: 7 hrs. 45 min.

September 8- , 1976

15. "Fall, 1976 Short Courses for Health Professionals" (09-76-33-17,06)

Contact: Nancy Waterman, Director
The Continuing Education Center for the Health Professions
School of General Studies
State University of New York at Binghamton
Binghamton, New York 13901

Credit: 85 hrs.

September 9-12, 1976

16. "New Directions in Health" (09-76-26-29)

Contact: Joseph N. Nowell
Executive Director
International Academy of Preventive Medicine
10405 Town and Country Way, Suite 200
Houston, Texas 77024

Credit: 12 hrs. 15 min.

September 10-12, 1976

17. "Ohio Academy of Physician Assistants 1st Annual Convention" (09-76-36-25)

Contact: Janice Vinicky, PA-C
Cleveland Clinic
9500 Euclid Avenue
Cleveland, Ohio 44106

Credit: 12 hrs.

September 11, 1976

18. "Michigan Academy of Physicians' Assistants Fall CME" (09-76-23-25)

Contact: Gerald Dudek, PA-C
M.A.P.A., CME Committee Chairman
R. G. Williams Clinic
524 Mather Avenue
Ishpeming, Michigan 49849

Credit: 8 hrs.

September 13, 1976

19. "Modern Concepts in Cardiac Pacing" (09-76-03-07)

Contact: None

Credit: 2 hrs. 30 min.

September 13-17, 1976

20. "Sixth Annual Intensive Review Course for Practicing Physicians" (09-76-09-25)

Contact: Charlene de Lugo
MEDEX, Physicians Assistant Program
College of Allied Health Sciences, Howard University
Washington, D. C. 20059

Credit: 40 hrs.

September 14, 1976 - April 26, 1977

21. "Nursing Home Care Program" (09-76-22-25)

Contact: Deborah R. Grimes
Administrative Assistant
Nursing Home Care Program
500 Columbia Road
Dorchester, Massachusetts 92125

Credit: 60 hrs.

September 14-30, 1976

22. "Venereal Disease Mini-Course" (09-76-33-01,10)

Contact: Charles W. Parton, M.D.
Director, Ambulatory and Community Medicine
Mount Sinai Hospital
500 Blue Hills Avenue
Hartford, Connecticut 06112

Credit: 12 hrs.

September 14 - November 30, 1976

23. "What Do We Really Know About Aging?" (09-76-33-30)

Contact: Elaine Friedman
Physician's Assistant Program
State University of New York at Stony Brook
Stony Brook, New York 11794

Credit: 20 hrs.

September 15-17, 1976

24. "Non-Physician Primary Care Providers on Medical Practice Teams" (09-76-33-36)

    Contact: Elaine Friedman
    Physician's Assistant Program
    State University of New York at Stony Brook
    Stony Brook, New York 11794

    Credit: 16 hrs.

September 17, 1976

25. "Biology and Treatment of Melanomas" (09-76-33-23)

    Contact: Marvin L. Gilledman, M.D.
    Chairman, Department of Surgery
    Montefiore Hospital and Medical Center
    111 East 210th Street
    Bronx, New York 10467

    Credit: 2 hrs.

September 24-25, 1976

26. "Conference for New Health Practitioners" (09-76-45-25)

    Contact: Randy Danielsen, PA-C
    Intermountain Association of Physician's Assistants
    P.O. Box 17523
    Holladay, Utah 84117

    Credit: 12 hrs.

September 28-30, 1976

27. "Seminar for Physician Extenders and Their Physician Supervisors" (09-76-42-25)

    Contact: Leland L. Fairbanks, M.D., Director
    Clinical Continuing Education Center
    Phoenix Indian Medical Center
    4212 North Sixteenth Street
    Phoenix, Arizona 85016

    Credit: 24 hrs.

September 30 - October 2, 1976

28. "Continuing Education for Primary Care Practitioners" (09-76-21-25)

Contact: Office of Continuing Education
Johns Hopkins Medical Institutions
Room 19, Turner Auditorium
720 Rutland Avenue
Baltimore, Maryland 21205

Credit: 17 hrs.

October 1, 1976

29. "Pancreatitis - Mechanisms, Hypaxia and Hypocalcemia" (10-76-33-09)

Contact: Marvin L. Gilledman, M.D.
Chairman, Department of Surgery
Montefiore Hospital and Medical Center
111 East 210th Street
Bronx, New York 10467

Credit: 2 hrs.

October 2, 1976

30. "Cardiac Failure in Infancy" (1-76-06-07,20)

Contact: Joe Scott, PA-C
1780 Gilipin Street
Denver, Colorado 80218

Credit: 1 hr.

October 2-3, 1976

31. "Problems in Primary Care Medicine" (10-76-30-25)

Contact: Office of Continuing Medical Education
The Milton S. Hershey Medical Center
The Pennsylvania State University
Hershey, Pennsylvania 17033

Credit: 18 hrs.

October 4-15, 1976

32. "Family Practice Review Course" (10-76-28-25)

Contact: James E. Van Arsdall, Program Associate
The University of Nebraska Medical Center
42nd and Dewey Avenue
Omaha, Nebraska 68105

Credit: 100 hrs.

October 7, 1976 - six weeks

33. "Short Course in Neuroscience for Nurses and Allied Health Personnel" (10-76-33-06)

    Contact: Continuing Education Center for the Health Professions
    School of General Studies LN1213
    SUNY-Binghamton, New York 13901

    Credit: 20 hrs.

October 13, 1976

34. "Clinical Skills for P.A.'s IV" (10-76-39-25)

    Contact: Division of Continuing Education
    Hahnemann Medical College
    230 North Broad Street
    Philadelphia, Pennsylvania 19102

    Credit: 20 hrs. 45 min.

October 14-16, 1976

35. "The Third Annual NBME Review and CME Program" (10-76-37-25)

    Contact: Lewis M. Devore, PA
    c/o 721 N.E. 14th Street
    Oklahoma City, Oklahoma 73104

    Credit: 22 hrs.

October 11-12, 1976 and October 14-17, 1976

36. "Behavior Modification" and "Bariatric Assistants Program" (10-76-29-03)

    Contact: Randall Lee
    Executive Director
    American Society of Bariatric Physicians
    333 West Hampden Avenue
    Englewood, Colorado 80110

    Credit: 13 hrs. and 11 hrs. 30 min., respectively

October 14-16, 1976

37. "Fall CME Update" (10-76-34-25)

Contact: Russell F. Lawrence, PA-C
Veterans Administration Hospital
Asheville, North Carolina 28805

Credit: 7 hrs. 30 min.

October 16, 1976

38. "Orthopaedic Workshop" (10-76-23-13)

Contact: Bettye A. Graham, PA
Henry Ford Hospital
Department of Orthopaedic Surgery
2799 West Grand Boulevard
Detroit, Michigan 48202

Credit: 6 hrs. 30 min.

October 20, 1976

39. "Practical Uses of Nuclear Medicine Scanning" (10-76-01-19)

Contact: Roger W. Houston, PA
President
Alabama Society of Physicians' Assistants
P.O. Box 73085
Birmingham, Alabama 35294

Credit: 1 hr. 30 min.

October 21-22, 1976

40. "Review for National and State Certifying Examinations" (10-76-41-25)

Contact: George C. Duncan, Jr., M.D.
College of Allied Health Sciences
PA Program
Medical University of South Carolina
80 Barre Street
Charleston, South Carolina 29401

Credit: 14 hours

October 22, 1976

41. "Diagnostic Methods in Abdominal Trauma (10-76-33-17)

Contact: Marvin L. Gilledman, M.D.
Chairman, Department of Surgery
Montefiore Hospital and Medical Center
111 East 210th Street
Bronx, New York 10467

Credit: 2 hrs.

October 24-26, 1976

42. "CME Program for Physician's Assistants" (10-76-16-00)

Contact: John J. Gerstbrein, PA-C
PA Program
The University of Iowa
College of Medicine
Office of the Dean
Iowa City, Iowa 52242

Credit: 12 hrs.

October 28, 1976

43. "The How and What in Chemotherapy" (10-76-10-34)

Contact: Catherine B. Tokarz
Inservice Director
West Pasco Hospital
500 Indiana Avenue
New Port Richey, Florida 33552

Credit: 4 hrs.

October 28-30, 1976

44. "Practical Concepts in Cardio-Pulmonary Medicine" (10-76-11-07,08)

Contact: Robert Curry, M.D.
Director, PA Program
Emory University School of Medicine
Atlanta, Georgia 30322

Credit: 10 hrs.

October 28-30, 1976

45. "Florida Academy of Physician Assistants Second Annual Conference" (10-76-10-25)

Contact: Lennie Milcowitz, PA
P.O. Box 1000
Newport Richey, Florida 33552

Credit: 16 hrs.

October 29, 1976

46. "Familial Polyposis, A Model for Human Cancer" (10-76-33-02,09)

Contact: Richard Rosen, M.D.
Associate Professor of Surgery
Montefiore Hospital and Medical Center
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

October 29-31, 1976

47. "Review and Post Graduate Sessions" (10-76-33-25)

Contact: Elaine Friedman
PA Program
School of Allied Health Professions, Health Sciences Center
State University of New York at Stony Brook
Stony Brook, New York 11794

Credit: 21 hrs. 30 min.

October 29-30, 1976

48. "Fall CME" (10-76-50-25)

Contact: Rosalie Murphy
847 Clermont Street
Antigo, Wisconsin 54409

Credit: 8 hrs.

October 29-30, 1979

49. "National Certifying Examination Review, A Course for Physician's Assistants and Nurse Practitioners" (10-76-05-25)

Contact: Jeanne Gallagher, Office of Continuing Education
Charles R. Drew Postgraduate Medical School
1621 East 120th Street
Los Angeles, California 90059

Credit: 15 hrs. 45 min.

October 30, 1976

50. "A Day in Gynecology" (10-76-05-10)

Contact: R. L. Moser, PA-C
California Academy of PAs
149 Jordan Avenue
San Anselmo, California 94960

Credit: 5 hrs.

November 1-2, 1976

51. "Seminar on Pediatric Cardiology" (11-76-28-07,20)

Contact: James Van Arsdall
The University of Nebraska, Medical Center
Omaha, Nebraska 68105

Credit: 12 hrs.

November 3-5, 1976

52. "Communicable and Infectious Disease Seminar" (11-76-03-01,29)

Contact: Gordon Jensen
IHS
Phoenix Indian Medical Center
4212 N. Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hrs.

November 4-7, 1976

53. "A Continuing Medical Education and Board Preparatory Conference" (11-76-07-25)

Contact: Physician Associate Program
Yale University School of Medicine
333 Cedar Street
New Haven, Connecticut 06510

Credit: 24 hrs.

November 4-7, 1976

54. "Third Annual National Board Review" (11-76-17-25)

Contact: Lin Bertsch
Center for Continuing Health Education
College of Health Related Professions, Wichita State Univ.
Wichita, Kansas 67208

Credit: 18 hrs.

November 5, 1976

55. "With Care Medico in Java" (11-76-33-33)

Contact: Richard G. Rosen, M.D.
Department of Surgery
Montefiore Hospital and Medical Center
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

November 5, 1976

56. "3rd Annual Postgraduate Course, Perinatal and Maternal Medicine" (11-76-35-11,15)

Contact: Margaret M. Wilbourn, FNP Program
Minot State College Campus
Minot, North Dakota 58701

Credit: 7 hrs.

November 6, 1976

57. "Primary Management of Radiation Injuries" (11-76-39-17,19)

Contact: Fred Mettler, Jr., M.D.
Director, Health Services Division
Radiation Management Corporation
University City Science Center
3508 Market Street
Philadelphia, Pennsylvania 19104

Credit: 8 hrs.

November 7, 1976

58. "All Day Review Session" (11-76-33-25)

Contact: Shlomo Twersky, PA-C
PA Program
Touro College
30 West 44th Street
New York, New York 10036

Credit: 6 hrs.

November 11, 1976

59. "Osteoporosis of Aging" (11-76-06-03,13)

Contact: Joe Scott, PA-C
1780 Gilipin Street
Denver, Colorado 80218

Credit: 1 hr.

November 12-14, 1976

60. "Conference on Oncology: Inroads in Cancer Diagnosis, Treatment, and Referral for Utilization by the Primary Care Physician, the Physician's Assistant, and the Nurse Practitioner" (11-76-17-02)

Contact: Lin Bertsch
College of Health Related Professions
Wichita State University
Wichita, Kansas 67208

Credit: 18 hours

November 17-18, 1976

61. "National Boards Review" (11-76-23-25)

Contact: Mary Day
PA Program
Mercy College of Detroit
8200 W. Outer Drive
Detroit, Michigan 48219

Credit: 20 hours

December 1-3, 1976

62. "Anchorage Area Indian Health Service Continuing Medical Education Seminar for Physician Extenders" (12-76-02-25)

Contact: L.L. Fairbanks, M.D.
Director, Medical Education
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hours

December 3, 1976

63. "The Role of Ultrasonography in Surgical Problems" (12-76-33-33)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

December 4, 1976

64. "The Silhouette Sign" (12-76-06-19)

Contact: Joe Scott, PA-C
1780 Gilipin Street
Denver, Colorado 80218

Credit: 1 hr.

December 10, 1976

65. "The Role of the Sympathetic Nervous System in Vascular Surgery" (12-76-33-06,07,23)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

December 11-12, 1976

56. "CME Winter Seminar" (12-76-32-25)

Contact: Lawrence Valdo, PA-C
New Mexico Academy of PAs
P.O. Box 7226, Old Town Station
Albuquerque, New Mexico 87104

Credit: 6 hrs. 40 min.

December 15, 1976

67. "Nuclear Medicine Scanning" (12-76-01-19)

Contact: O.J. May, PA-C
Department of Surgery, Cooper Green Hospital
1515-6th Avenue South
Birmingham, Alabama 35233

Credit: 1 hr.

December 15-17, 1976

68. "Continuing Medical Education Seminar" (12-76-32-25)

Contact: Leland Fairbanks, M.D.
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hrs.

December 16, 1976

69. "Seminar on Wound Closure" (12-76-32-17)

Contact: Martin Kantrowitz, M.D.
Physician Coordinator
NHSC CME Project
The University of New Mexico
Department of Family, Community, and Emergency Medicine
Albuquerque, New Mexico 87131

Credit: 4 hrs. 15 min.

December 17, 1976

70. "Scintographic Diagnosis of Intestinal Ischemia" (12-76-33-09)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

December 17, 1976

71. "Role of DIC in Non-Occlusive Mesenteric Ischemia" (12-76-33-09)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

December 17, 1976

72. "Variations in Blood Flow During Laparoscopy" (12-76-33-23)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

1977 - No or Nonspecific Dates

1. Lederle Symposia (-77 -00)

Contact: J. Harris Fleming, Manager Professional Relations
Lederle Laboratories
Pearl River, New York 10965

Credit: 5 hrs. 30 min.

January, 1977

2. "What's New In Hypertension" (01-77-05-07)

Contact: Raymond Kay, M.D.
Coordinator of Medical Manpower
Southern California Permanente Medical Group
Department of Medical Manpower
4900 Sunset Blvd., Suite 2005
Los Angeles, California 90027

Credit: 6 hrs.

January 8, 1977

3. "Problems of the Geriatric Patient" (01-77-07-30)

Contact: Burdeen Camp, PA-C
Connecticut Academy of PAs
Box 7114 Kilby Station
New Haven, Connecticut 06519

Credit: 6 hrs.

January 8-9, 1977

4. "IAPM Eastern Region Seminar" (01-77-39-29)

Contact: IAPM Headquarters
10409 Town and Country Way, Suite 200
Houston, Texas 77024

Credit: 9 hrs.

January 12-14, 1977

5. "Non-Physician Primary Care Providers on Medical Practice Teams" (01-77-33-36)

   Contact: Elaine Friedman
   PA Program
   School of Allied Health Professions, Health Science Center
   State University of New York at Stony Brook
   Stony Brook, New York 11794

   Credit: 16 hrs.

January 19, 1977

6. "Understanding Acid Base Disturbances by Utilizing the Arterial Blood Gas" (01-77-11-22)

   Contact: Dorner Tice, PA-C
   C.S.R.A. PA Society
   1730 Kissingbower Road
   Augusta, Georgia 30904

   Credit: 1 hr.

January 20-21, 1977

7. "Cardio-Pulmonary Resuscitation" (01-77-10-07,35)

   Contact: Catherine Tokarz, R.N.
   Inservice Director
   West Pasco Hospital
   500 Indiana Avenue
   New Port Richey, Florida 33552

   Credit: 7 hrs.

January 21, 1977

8. "Recent Advances in the Treatment of Facial Palsy and Brachial Plexus Lesions" (01-77-33-06)

   Contact: Richard Rosen, M.D.
   Department of Surgery
   Montefiore Hospital
   111 East 210th Street
   Bronx, New York 10467

   Credit: 1 hr.

January 21, 1977

9. "Practical Orthopedics" (01-77-32-13,17)

Contact: Martin P. Kantrowitz, M.D.
NHSC, CME Project
The University of New Mexico
Department of Family, Community, and Emergency Medicine
Albuquerque, New Mexico 87131

Credit: 5 hrs.

January 22, 1977

10. "West Virginia Association of PAs CME Program" (01-77-49-25)

Contact: Doug Wolfe, PA
West Virginia Association of PAs
Fairmont Clinic, P. O. Box 1112
Fairmont, West Virginia 26554

Credit: 6 hrs.

January 22, 1977

11. "Tennessee Academy CME Session" (01-77-43-25)

Contact: Edmond J. Wise, Jr., PA-C
Tennessee Academy of PAs
1238 Venido Drive
Knoxville, Tennessee 37922

Credit: 4 hrs.

January 26, 1977

12. "You and the Adolescent" (01-77-05-31)

Contact: Patricia Pratt
Charles R. Drew Postgraduate Medical School
1621 East 120th Street
Los Angeles, California 90059

Credit: 4 hrs. 30 min.

January 26-28, 1977

13. "Seminar for Physician's Extenders" (01-77-48-25)

Contact: Roger Haskell, M.D., Chief
Dept. of Primary Care, USPHS Hospital
1131 14th Avenue, South
Seattle, Washington 98114

Credit: 20 hrs.

January 29, 1977

14. "CA of the Kidney" (01-77-33-10)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

January 28-29, 1977

15. "Symposium for Physicians' Extenders in Primary Care" (01-77-14-25)

Contact: Remigo C. Milan, PA-C
2129 North Dayton Street
Chicago, Illinois 60614

Credit: 15 hrs.

January 29, 1977

16. "Continuing Medical Education Program" (01-77-10-25)

Contact: Charles R. Durr, PA
621 West Jefferson Street
Brooksville, Florida 33512

Credit: 6 hrs. 25 min.

January 30, 1977

17. "Utilization of PAs in a Private Surgical Practice" (01-77-30-36)

Contact: Joseph L. Kaplowe, Jr., PA-C
35 Buena Vista Road
Claremont, New Hampshire 03743

Credit: 1 hr.

February 4, 1977

18. "Interpretation of Arterial PO_2" (02-77-33-22)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

February 4-5, 1977

19. "Annual Texas Continuing Education Symposium for Physician Assistants" (02-77-44-25)

    Contact: Garry D. Fincher, Chairman
    CME Committee, Texas Academy of PAs
    P. O. Box 36291
    Dallas, Texas 75235

    Credit: 16 hrs.

February 4-6, 1977

20. "2nd Annual F.S. Smith Clinic C.M.E. Conference for PAs" (02-77-36-25)

    Contact: Janice Vinicky, PA-C
    Cleveland Clinic, 9500 Euclid Avenue
    Cleveland, Ohio 44106

    Credit: 8 hrs. 50 min.

February 4-6, 1977

21. "The First Annual Winter Continuing Medical Education Seminar" (02-77-05-25,36)

    Contact: Larry Bos, PA-C
    P. O. Box 2228
    Merced, California 95340

    Credit: 21 hrs. 30 min.

February 7-10, 1977

22. "Acute Medical Problems for Physician's Assistants" (02-77-20-25)

    Contact: Robert J. Lapham, PA-C
    Department of Emergency Medicine, Maine Medical Center
    Portland, Maine 04102

    Credit: 23 hrs.

February 9, 1977

23. "Conference on Alcohol and Alcoholism for Health Professionals" (02-77-33-32)

    Contact: Elaine Friedman
    PA Program, School of Allied Health Professions
    Health Sciences Center
    State University of New York at Stony Brook
    Stony Brook, New York 11794

    Credit: 4 hrs. 15 min.

February 10-12, 1977

24. "Primary Care Treatment of the Alcoholic Patient" (02-77-17-32)

Contact: Lin Bertsch
Center for Continuing Health Education
College of Health Related Professions
Wichita State University
Wichita, Kansas 67208

Credit: 16 hrs.

February 11, 1977

25. "Seminar on Wound Closure" (02-77-06-17)

Contact: Martin P. Kantrowitz, M.D.
NHSC CME Project, The University of New Mexico
Department of Family, Community, and Emergency Medicine
Albuquerque, New Mexico 87131

Credit: 4 hrs. 15 min.

February 11, 1977

26. "A Unifying Concept of Multiple Endocrine Adenomatosis" (02-77-33-02,03)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

February 12, 1977

27. "Electrocardiography" (02-77-37-07)

Contact: Lewis Devore, PA-C
The University of Oklahoma, Health Science Center
P. O. Box 26901
Oklahoma City, Oklahoma 73190

Credit: 3 hrs.

February 12, 1977

28. "Selected Topics in Pharmacology" (02-77-26-34)

Contact: Missouri Academy of PAs
332 New Ballwin Road
Ballwin, Missouri 63011

Credit: 7 hrs.

February 18, 1977

29. "Autotransfusion of Shed Book in Elective Surgery" (02-77-33-23)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

February 18-19, 1977

30. "Michigan Academy of PAs CME program" (02-77-23-25)

Contact: Gerald Dudek, PA
c/o R. G. Williams Clinic
524 Mather Avenue
Ishpeming, Michigan 49849

Credit: 8 hrs.

February 23, 1977

31. "Renal Evaluation Through Nuclear Medicine" (02-77-01-10,19)

Contact: Roger Houston, PA-C
Alabama Society of PAs
P.O. Box 73085
Birmingham, Alabama 35294

Credit: 1 hr.

February 24-26, 1977

32. "Second Annual Spring Meeting and CME Program" (02-77-28-25)

Contact: Robert A. Witt, PA
The Nebraska Academy of PAs
1514 Q Street, #3
Auburn, Nebraska 68305

Credit: 14 hrs.

February 24, 1977

33. "How To Begin In The Hospital" (02-77-10-33)

Contact: Catherine Tokarz, R.N., Inservice Director
West Pasco Hospital
500 Indiana Avenue
New Port Richey, Florida 33552

Credit: 7 hrs.

February 24-27, 1977

34. "Practical Non-Invasive Vascular Diagnosis" (02-77-44-07)

Contact: Garry Gordon, M.D.
American Academy of Medical Preventics
2811 "L" Street
Sacramento, California 95816

Credit: 12 hrs.

February 25, 1977 - May 20, 1977

35. "Physician Assistants Continuing Medical Education Seminar" (02-77-39-25)

Contact: Robert J. Schaefer
Division of Continuing Education
Hannemann Medical College and Hospital
Two-Thirty North Broad Street
Philadelphia, Pennsylvania 19102

Credit: 5 hrs. 30 min.

February 25, 1977

36. "Role of Transhepatic Venography in Portal Hypertension" (02-77-33-07)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

February 25-27, 1977

37. "1977 IAPM Spring Conference" (02-77-44-03)

Contact: International Academy of Preventive Medicine
10409 Town and Country Way, Suite 200
Houston, Texas 77024

Credit: 14 hrs. 30 min.

February 26-27, 1977

38. " N.Y.S.S.P.A.'s Second Annual Meeting" (02-77-33-25)

Contact: Doug Condit, PA
New York State Society of PAs
111 East 210th Street
Bronx, New York 10467

Credit: 13 hrs.

March 2-3, 1977

39. "Hypertension 1977" (03-77-34-07)

Contact: Medi-Media
P.O. Box 4135
Rock Hill, South Carolina 29730

Credit: 12 hrs.

March 2-4, 1977

40. "CME Seminar on Pediatrics for Physician's Extenders" (03-77-03-20)

Contact: Leland Fairbanks, M.D.
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hrs.

March 3-4, 1977

41. "The Practical Use of Respiratory Care" (03-77-11-08)

Contact: Vicky B. Partin
Georgia Lung Association
West Central Branch
1217 Eberhart Avenue
Columbus, Georgia 31906

Credit: 7 hrs. 30 min.

March 4, 1977

42. "Oral and Maxillo Facial Reconstruction"

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

March 5-6, 1977

43. "The United States Army Burn Team" (03-77-17-17)

Contact: Lin Bertsch
College of Health Related Professions
Wichita State University
Wichita, Kansas 67208

Credit: 12 hrs.

March 5-6, 1977

44. "Third Annual Continuing Education Conference" (03-77-02-25)

Contact: Betty J. Duffel, N.P.
Alaska Academy of Physicians' Assistants
2320 Tagalak Drive
Anchorage, Alaska 99504

Credit: 9 hrs. 45 min.

March 11-12, 1977

45. "Management of Emergencies" (03-77-33-17)

Contact: Elaine Friedman
PA Program
School of Allied Health Professions
Health Sciences Center
State University of New York at Stony Brook
Stony Brook, New York 11794

Credit: 10 hrs.

March 12, 1977

46. "Respiratory Care Seminar" (03-77-10-08)

Contact: Catherine B. Tokarz, R.N.
Inservice Director
West Pasco Hospital
500 Indiana Avenue
New Port Richey, Florida 33552

Credit: 6 hrs.

March 12-13, 1977

47. "Continuing Medical Education Seminar" (03-77-32-25)

Contact: Lawrence Valdo, PA-C
New Mexico Academy of PAs
P.O. Box 7225 Old Town Station
Albuquerque, New Mexico 87104

Credit: 8 hrs. 15 min.

March 18, 1977

48. "Fibrous Pysplasia and Other 'Non-Malignant Tumors' of the Craniofacial Skeleton" (03-77-33-02)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

March 22, 1977 - May 10, 1977

49. "Current Perspectives in Aging" (03-77-33-30)

Contact: Jane Porcino, C.S.W.
The School of Allied Health Professionals
Health Sciences Center
State University of New York at Stony Brook
Stony Brook, New York 11794

Credit: 2 hrs. per lecture (16 hrs. total)

March 25, 1977

50. "Tracheal Damage from Cuffed Intubation: Management and Prevention" (03-77-33-08)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

March 26, 1977

51. "Changes in Sensory Perception in the Aging: A Dialogue" (03-77-33-30)

Contact: Elaine Friedman
PA Program
Health Sciences Center
S.U.N.Y. at Stony Brook
Stony Brook, New York 11794

Credit: 7 hrs.

March 26-27, 1977

52. "Spring Continuing Medical Education Conference" (03-77-48-25)

Contact: James Davidson, PA-C
Route 3, Box 3508
Grandview, Washington 98930

Credit: 12 hrs.

March 26, 1977

53. "Anxiety and Depression in Office Practice" and "Office Dermatology" (03-77-37-05,12)

Contact: Lewis Devore, PA-C
University of Oklahoma, Health Sciences Center
P. O. Box 26901
Oklahoma City, Oklahoma 73190

Credit: 2 hrs. and 3 hrs., respectively

March 27, 1977

54. "The Third Annual Pediatric Review for Health Practitioners and Physicians" (03-77-06-25)

Contact: Office of Postgraduate Medical Education
UCMC Cont. C 295, 4200 East Ninth Avenue
Denver, Colorado 80262

Credit: 8 hrs.

March 30, 1977

55. "Second Annual Physicians' Assistants Symposium" (03-77-33-34)

Contact: Arthur De Luca
Albany Medical College of Union University
Department of Postgraduate Medicine
Albany, New York 12208

Credit: 5 hrs.

March 31, 1977 - April 2, 1977

56. "Rehabilitation and the Nurse Practitioner and the Physician Assistant" (03-77-32-23)

Contact: Darlene Jelinek
Building M-6, Dept. of Family, Community, & Emergency Medicine
University of New Mexico
Albuquerque, New Mexico 87131

Credit: 16 hrs.

April 2-3, 1977

57. "The Total Woman: Her Health from Adolescence Through Menopause" (04-77-05-10)

Contact: Patricia Pratt
Charles R. Drew Postgraduate Medical School
1621 East 120th Street
Los Angeles, California 99059

Credit: 12 hrs. 50 min.

April 6, 1977

58. "Laboratory Diagnosis of Viral Infections (04-77-33-01)

Contact: Evelyne Jeannition
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs

April 13, 1977

59. "Exotic Conditions of the Lower G.I. Tract" (04-77-33-09)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

April 13-15, 1977

60. "Seminar on Perspectives in Family Practice Health Care for Physician's Extenders" (04-77-27-25)

Contact: Leland L. Fairbanks, M.D.
Phoenix Indian Medical Center
4212 North 16th Street
Phoenix, Arizona 85016

Credit: 20 hrs.

April 14, 1977

61. "Coronary Care What's Happening?" (04-77-10-07)

Contact: Catherine Tokarz, R.N., Inservice Director
West Pasco Hospital, 500 Indiana Avenue
New Port Richey, Florida 33552

Credit: 4 hrs. 45 min.

April 15, 1977

62. "Noninvasive Vascular Diagnostic Techniques" (04-77-33-07)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

April 17-21, 1977

63. "Fifth Annual Conference on Health Practitioners" (04-77-44-25)

Contact: AAPA
2341 Jefferson Davis Hwy., Suite 700
Arlington, Virginia 22202

Credit: 41 hrs.

April 18-21, 1977

64. No Title (04-77-48-00)

Contact: W. F. Van Pelt
PHS, Seattle Field Office
Room 5003, Federal Office Building
909 1st Avenue
Seattle, Washington 98174

Credit: 21 hrs. 30 min.

April 19, 1977 - May 3, 1977

65. "The Toxicology of Selected Central Nervous System Drugs" (04-77-33-34)

Contact: Patricia Clamp, R.Ph., M.S.
Director of Continuing Education
St. John's University
College of Pharmacy and Allied Health Professions
Grand Central and Utopia Parkways
Jamaica, New York 11439

Credit: 2 hrs. per lecture (6 hrs. total)

April 20, 1977 - May 18, 1977

66. "Pediatric Pharmacology" (04-77-33-34)

Contact: Patricia Clamp, R.Ph., M.S.
Director of Continuing Education, St. John's University
College of Pharmacy and Allied Health Professions
Grand Central and Utopia Parkways
Jamaica, New York 11439

Credit: 2 hrs. per lecture (10 hrs. total)

April 20, 1977

67. "Utilization of Mammography in Diagnosis of Breast Cancer" (04-77-33-19)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

April 22, 1977

68. "Vascular Tumors of the Head and Neck" (04-77-33-02)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

April 22-23, 1977

69. "Seminar on Death, Grief, and Life" (04-77-01-32)

Contact: Wayne D. Bottom, PA-C
Department of Family Practice
School of Medicine
University of Alabama
University Station
Birmingham, Alabama 35294

Credit: 9 hrs. 30 min.

April 23 - September 10, 1977

70. "Arrhythmia Interpretation and Intervention" (04-77-05-07)

Contact: Patricia Pratt
Office of Continuing Education
Charles R. Drew Postgraduate Medical School
1621 East 120th Street
Los Angeles, California 90059

Credit: 4 hrs. per session (28 hrs. total)

April 25, 1977

71. "Fog, Smog and What Have You - Lung Disease" (04-77-05-08)

Contact: Raymond Kay, M.D.
Southern California Permanente Medical Group
Department of Medical Manpower
4900 Sunset Blvd., Suite 2005
Los Angeles, California 90027

Credit: 6 hrs.

April 25-25, 1977

72. "Bedside Diagnosis of Heart Disease" (04-77-39-07)

Contact: Division of Continuing Education
Hahnemann Medical College
230 North Broad Street
Philadelphia, Pennsylvania 19102

Credit: 23 hrs. 30 min.

April 26, 1977

73. "Diagnosis of Breast Cancer" (04-77-33-02,10)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

April 29-30, 1979

74. "Continuing Education Seminar for Health Practitioners" (04-77-42-17)

Contact: Marilyn Nona, PA
981 Main Street
Sturgis, South Dakota 57785

Credit: 11 hrs.

April 29, 1977

75. "Right Colon Surgery (Ileocolic Anastomose)" (04-77-33-09)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

April 29, 1977

76. "Lower Intestinal Hemmorhage in the Aged - A Re-Appraisal" (04-77-33-30)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

May 4, 1977

77. "Modern Concepts in Sclero-therapy" (05-77-33-07)

Contact: Evelyne Jeanniton
147-24 228th Street
Rosedale, New York 11413

Credit: 2 hrs.

May 4-6, 1977

78. "CME Seminar for Physicians Extenders" (05-77-32-25)

Contact: Leland Fairbanks, M.D.
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hrs.

May 6, 1977

79. "The Montefiore Experience with Pancreatic Pseudocysts and Abscess" (05-77-33-09)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

May 7, 1977

80. "Orthopedics, Office Ophthalmology" (05-77-37-06,13)

Contact: Lewis Devore, PA-C
University of Oklahoma Health Sciences Center
P. O. Box 26901
Oklahoma City, Oklahoma 73190

Credit: 4 hrs. and 3 hrs., respectively

May 9-11, 1977

81. "Heart Assessment Workshop" (05-77-11-07)

Contact: Robert Curry, M.D.
PA Program
Emory University School of Medicine
P.O. Box 22095
Atlanta, Georgia 30322

Credit: 13 hrs. 20 min.

May 9-11, 1977

82. "The Second Annual Florida High Blood Pressure Seminar" (05-77-10-07,29)

Contact: Leonard Milcowitz, PA-C
107 High Street
New Port Richey, Florida 33552

Credit: 9 hrs. 45 min.

May 10, 1977 - May 31, 1977

83. "Pharmacotherapeutics" (05-77-33-34)

Contact: Patricia Clamp, R.Ph., M.S.
St. John's University
College of Pharmacy and Allied Health Professions
Grand Central and Utopia Parkways
Jamaica, New York 11439

Credit: 2 hrs. per lecture (8 hrs. total)

May 11, 1977

84. "Some Aspects of Diabetes" (05-77-33-03)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

May 12, 1977

85. "Diabetes Mellitus, 1977" (05-77-28-03)

Contact: Richard Reimber, Coordinator
Continuing Medical Education
The University of Nebraska Medical Center
42nd and Dewey Avenue
Omaha, Nebraska 68105

Credit: 11 hrs.

May 13, 1977

86. "Some Outrageous Thoughts on Peritonitis" (05-77-33-09)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

May 13-14, 1977

87. "Second Annual State Convention and Continuing Medical Education Seminar" (05-77-50-25)

Contact: Timothy Bauer, PA-C
Veterans Administration Hospital
Tomah, Wisconsin 54660

Credit: 10 hrs.

May 13-14, 1977

88. "Abstracts in Primary Care II" (05-77-11-25)

Contact: Jerry Swinford, PA
c/o Medical Department
Western Electric
6701 Roswell Road
Atlanta, Georgia 30328

Credit: 12 hrs.

May 16, 1977

89. "In One Way and Out the Other-Gastrointestinal Disease" (05-77-05-09)

Contact: Raymond Kay, M.D.
Southern California Permanente Medical Group
Department of Medical Manpower
4900 Sunset Blvd., Suite 2005
Los Angeles, California 90027

Credit: 6 hrs.

May 18, 1977

90. "The Review of Primary Kidney Disease" (05-77-33-10)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

May 20-21, 1977

91. "Primary Care and Practical Pediatrics for Physician's Assistants" (05-77-36-20,25)

Contact: Janice Vinicky, PA-C
Cleveland Clinic
9500 Euclid Avenue
Cleveland, Ohio 44106

Credit: 21 hrs.

May 20-21, 1977

92. "Continuing Education Seminar for New Health Practitioners" (05-77-51-25)

Contact: Dick Rensch, PA-C, W.A.P.A.
1311 East Third Street
Casper, Wyoming 82601

Credit: 12 hrs.

May 21, 1977

93. "CME Session" (05-77-17-25)

Contact: Elizabeth Sheldon, PA-C
Kansas Academy of PAs
810 Lawrence Lane
Wichita, Kansas 67206

Credit: 5 hrs. 55 min.

May 21, 1977

94. "CME Program" (05-77-10-25)

Contact: Robert Hall, PA-C
Florida Academy of PAs
c/o Orlando Clinic
P.O. Box 8746
Orlando, Florida 32806

Credit: 6 hrs.

May 25, 1977

95. "Post-Operative Use of Antibiotic Therapy" (05-77-33-34)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

May 25-27, 1977

96. "Family Practice, Review" (05-77-42-25)

Contact: Aberdeen Area IHS
Aberdeen, South Dakota 57401

Credit: 20 hrs.

May 26-27, 1977

97. "Practical Electrocardiography and Arrhythmia Management" (05-77-28-07)

Contact: Richard Reimer
Coordinator, Continuing Medical Education
The University of Nebraska Medical Center
42nd and Dewey Avenue
Omaha, Nebraska 68105

Credit: 15 hrs.

May 27, 1977

98. "Continuing Medical Education Mini-Session" (05-77-48-25)

Contact: James Davidson, PA-C
Washington Academy of PAs
Route 3, Box 3508
Grandview, Washington 98930

Credit: 8 hrs.

June 1, 1977

99. "Biochemical and Clinical Aspects of Multiple Myeloma" (06-77-33-02)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

June 2-4, 1977

100. "Practical Aspects of Emergency Room Medicine" (06-77-22-17)

Contact: Donna Marcy
Department of Continuing Medical Education
Boston University School of Medicine
80 E. Concord Street
Boston, Massachusetts 02118

Credit: 17 hrs. 45 min.

June 3-5, 1977

101. "Annual Summer Continuing Medical Education Seminar" (06-77-48-25)

Contact: James Davidson, PA-C
Washington State Academy of PAs
Route 3, Box 3508
Grandview, Washington 98930

Credit: 8 hrs.

June 3, 1977

102. "The Role of Allied Health Professions in Health Planning" (06-77-17-24)

Contact: Lin Bertsch
Center for Continuing Health Education
College of Health Related Professions
Wichita State University
Wichita, Kansas 67208

Credit: 5 hrs.

June 8, 1977

103. "Non-Physician Primary Care Providers in the Institutional and Private Setting: A Prognosis" (06-77-33-24)

Contact: Michael Gonzalez, RPA-C
704 Maple Avenue
Elmira, New York 14904

Credit: 3 hrs.

June 9-11, 1979

104. "Emergency Medical Symposium" (06-77-21-08,17)

Contact: Julia Burbridge
The Johns Hopkins University
School of Medicine
720 Rutland Avenue
Baltimore, Maryland 21205

Credit: 16 hrs. 30 min.

June 10-11, 1977

105. "Colorado Academy of Physicians' Assistants' First Annual General Care Symposium" (06-77-06-25)

Contact: Joe Scott, PA-C
1780 Gilipin Street
Denver, Colorado 80218

Credit: 14 hrs.

June 11-12, 1977

106. "Clinical Pharmacology: A Practical Approach" (06-77-33-34)

Contact: Elaine Friedman
Center for Continuing Medical Education for PAs
School of Allied Health Professions
Health Sciences Center, S.U.N.Y. at Stony Brook
New York, New York 11794

Credit: 15 hrs.

June 15-17, 1977

107. "Mental Health/Alcoholism Seminar for Physicians' Extenders" (06-77-32-05, 32)

Contact: Leland L. Fairbanks, M.D.
Phoenix Indian Medical Center, 4212 N. Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hrs.

June 18, 1977

108. "Otorhinolaryngology, Estrogen Therapy" (06-77-37-03,06,08)

Contact: Lewis DeVore, PA-C
The University of Oklahoma
Health Sciences Center
P. O. Box 26901
Oklahoma City, Oklahoma 73190

Credit: 4 hrs. and 3 hrs., respectively

June 18, 1977

109. "Pulmonary Problems" (06-77-07-08)

Contact: Burdeen Camp, PA-C
Connecticut Academy of PAs
Box 7114, Kilby Station
New Haven, Connecticut 06519

Credit: 6 hrs.

June 22, 1977

110. "The Physician's Assistant: Training and Employment, An Orientation for Physician Preceptors" (06-77-23-33)

Contact: Harriet Gales, M.A.
Mercy College of Detroit, PA Program
8200 W. Outer Drive
Detroit, Michigan 48219

Credit: 4 hrs. 30 min.

June 25-26, 1977

111. "Continuing Medical Education Seminar" (06-77-32-25)

Contact: Larry Valdo, PA-C
New Mexico Academy of PAs
P.O. Box 7226 Old Town Station
Albuquerque, New Mexico 87104

Credit: 8 hrs.

July 8-10, 1977

112. "The Detection and Prophlaxis of Common Problems in the Primary Care Setting" (07-77-36-25)

Contact: Karen Crew, PA-C
2352 Harrywood Court
Cincinnati, Ohio 45239

Credit: 12 hrs. 15 min.

July 24-27, 1977

113. "Pediatrics" (07-77-06-20)

Contact: Henry Silver, M.D., Professor of Pediatrics
University of Colorado Medical Center
4200 East Ninth Avenue
Denver, Colorado 80220

Credit: 24 hrs.

July 29-30, 1977

114. "Health Care in Correctional Institutions: Problems and Issues" (07-77-10-33)

Contact: Leonard Milcowitz, PA
107 High Street
New Port Richey, Florida 33552

Credit: 10 hrs

August 8-12, 1977

115. "Tuberculosis Medical Update" (08-77-42-and 35-01, 08)

Contact: Phillip W. Strine
Public Health Advisor, CDC
Aberdeen Area Indian Health Service
Federal Building
Aberdeen, South Dakota 57401

Credit: 8 hrs.

August 11-13, 1977

116. "The First Annual Continuing Medical Education/National Board Preparation Conference" (08-77-45-17, 20, 24, 25)

Contact: Kay Schultz, PA-C
CME Chairman UAPA
2280 East 3980 South
Salt Lake City, Utah 84117

Credit: 20 hrs.

August 13, 1977

117. "Continuing Medical Education Program" (08-77-10-25)

Contact: Randy Bennett, PA-C
P.O. Box 288
Trenton, Florida 32693

Credit: 6 hrs.

August 23, 1977

118. "Early Detection of Common Malignancies" (08-77-01-02)

Contact: Gail Parks, President
Alabama Society of PAs
P.O. Box 73085
Birmingham, Alabama 35294

Credit: 1 hrs. 30 min.

August 23-24, 1977

119. "Family Practice, CME Seminar for Physicians' Extenders" (08-77-02-25)

Contact: Leland Fairbanks, M.D.
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hrs.

August 25-26, 1977

120. "1977 Fall Conference -- AAMP Program" (08-77-03-03,33)

Contact: G.F. Gordon, M.D.
American Academy of Medical Preventics
2811 "L" Street
Sacramento, California 95816

Credit: 9 hrs.

August 25-26, 1977

121. "Current Medical Concepts for Physician's Assistants" (08-77-28-25)

Contact: Len O'Neill, PA-C
PA Program
University of Nebraska Medical Center
42nd and Dewey Avenue
Omaha, Nebraska 68105

Credit: 14 hrs. 45 min.

September 2-3, 1977

122. "Primary Care Update" (09-77-14-25)

Contact: Joyce Martin, PA-C
409 E. Columbia
Arthur, Illinois 61911

Credit: 13 hrs. 15 min.

September 5, 1977

123. "Ocular Trauma and the Red Eye" (09-77-01-06)

Contact: Gail Parks, President
Alabama Society of Physicians' Assistants
P.O. Box 73085
Birmingham, Alabama 35294

Credit: 1 hr. 30 min.

September 6-29, 1977

124. "Physician's Assistant Review" (09-77-21-25)

Contact: Alice M. Faby
Program Coordinator
The Health and Education Council
7201 Rossville Blvd.
Baltimore, Maryland 21237

Credit: 24 hrs.

September 7, 1977

125. "The Use and Abuse of Diuretics" (09-77-33-34)

Contact: Michael Gonzalez, RPA-C
Sullivan Trail Medical Group, P.C.
Elmira Medical Arts Center
Elmira, New York 14901

Credit: 2 hrs. 30 min.

September 8-11, 1977

126. "Problems in Family Practice" (09-77-36-25)

Contact: James R. Asher, PA-C
P.O. Box 165
Carlisle, Ohio 45005

Credit: 25 hrs. 30 min.

September 9-11, 1977

127. "Board Review and Post-Graduate Sessions" (09-77-33-25)

Contact: Elaine Friedman
CME Coordinator, PA Program
School of Allied Health Professions
Health Sciences Center
State University of New York at Stony Brook
Stony Brook, New York 11794

Credit: 23 hrs.

September 19, 1977

128. "CME Seminar" (09-77-24-25)

Contact: Barry Radin, PA
St. Cloud Surgical Center
1401 St. Germain
St. Cloud, Minnesota 56301

Credit: 5 hrs.

September 12-16, 1977

129. "Seventh Annual Intensive Review Course for Practicing Physicians" (09-77-09-25)

Contact: Office of Continuing Medical Education, Howard University
2041 Georgia Avenue, S.W.
Washington, D. C. 20060

Credit: Not specified

September 12-23, 1977

130. "A Comprehensive Review Course for Physician's Assistants" (09-77-28-25)

Contact: Leonard T. O'Neill, PA-C
School of Allied Health, Div. of Physician Assistant Education
University of Nebraska Medical Center
Omaha, Nebraska 68105

Credit: 100 hrs.

September 12-14, 1977

131. "Trends in Primary Care and Examination Review" (09-77-21-25)

Contact: Judith Mann
Health Associate Program
The John Hopkins University
School of Health Services
Hampton House
624 North Broadway
Baltimore, Maryland 21205

Credit: 16 hrs. 30 min.

September 12-16, 1977

132. "Diabetes Education Update" (09-77-17-03)

Contact: Lin Bertsch
Center for Continuing Health Education
College of Health Related Professions
Wichita State University
Wichita, Kansas 67208

Credit: 28 hrs.

September 15-16, 1977

133. "The Fourth Annual NBME Review and CME Program" (09-77-37-25)

Contact: Lewis DeVore, PA
721 N.E. 14th Street
Oklahoma City, Oklahoma 73104

Credit: 23 hrs. general session, 9 hrs. for clinical sessions running concurrently with general session

September 15-18, 1977

134. "The 2nd Annual Continuing Medical Education and Board Preparatory Conference" (09-77-07-25)

Contact: Paul F. Moson, PA-C
PA Program
Yale University School of Medicine
333 Cedar Street
New Haven, Connecticut 06510

Credit: 24 hrs.

September 16, 1977

135. "Skin Flaps -- Facts and Fallacies" (09-77-33-12)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

September 16-17, 1977

136. "The First 30 Minutes - 1977: At the Scene, On the Way, and in the Emergency Department" (09-77-27-17,25)

Contact: Meg Walton
Seminar Secretary
1241 N. 30th Street
Billings, Montana 59101

Credit: 9 hrs. 45 min.

September 16-18, 1977

137. "First Annual KAPA Continuing Medical Education Symposium" (09-77-18-25)

Contact: Glenna R. Jones, PA-C
260 East Reynolds Road, #45
Lexington, Kentucky 40503

Credit: 19 hrs. (plus 14 hrs. at other sessions)

September 16-19, 1977

138. "Electrocardiography Workshops" (09-77-14-07)

Contact: Carole Czujko
Tampa Tracings Workshop
300 West Bldg., Suite 408
3151 3rd Avenue North
P.O. Box 14405
St. Petersburg, Florida 33733

Credit: 16 hrs.

September 18, 1977

139. "The Cardio-Vascular System" (09-77-30-07)

Contact: Joseph Kaplowe, PA-C
35 Buena Vista Road
Claremont, New Hampshire 03743

Credit: 5 hrs.

September 19-23, 1977

140. "Family Practice Review for Physicians' Extenders" (09-77-42-25)

Contact: Leland Fairbanks, M.D.
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hrs.

September 21-24, 1977

141. "Primary Care Update '77" (09-77-32-25)

Contact: James Duran
Office of Continuing Medical Education
The University of New Mexico
School of Medicine
Albuquerque, New Mexico 87131

Credit: 24 hrs. 20 min.

September 21 - December 7, 1977

142. "Contemporary Sexual Behavior - Cross-Cultural Perspectives" (09-77-33-21)

Contact: Helen R. Lemay
Program Coordinator
Department of History
S.U.N.Y. at Stony Brook
Stony Brook, New York 11794

Credit: 2 hrs. per lecture; 20 hrs. total

September 22-23, 1977

143. "Review for National and State Certifying Examinations" (09-77-41-25)

Contact: George Duncan, Jr., M.D., College of Allied Health Sciences
PA Program, Medical University of South Carolina
80 Barre Street
Charleston, South Carolina 29401

Credit: 13 hrs.

September 23, 1977

144. "Biologic Response to Injury" (09-77-33-17)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

September 23-24, 1977

145. Topic - no information (09-77-23-00)

Contact: Gerald Dudek, PA
Michigan Academy of PAs
c/o R. G. Williams Clinic
524 Mather Avenue
Ishpeming, Michigan 49849

Credit: 10 hrs.

September 23-25, 1977

146. "The Fourth Annual Clinical Review for the Assistant to the Primary Care Physician" (09-77-26-25)

Contact: David Wagner, PA-C
St. Louis University
PA Program, School of Nursing and Allied Health Professions
1504 South Grand Blvd.
St. Louis, Missouri 63104

Credit: 21 hrs.

September 24-25, 1977

147. "Trauma" (09-77-39-17,35)

Contact: Kenneth R. Harbert
CME Committee PSPA
P.O. Box 71123
Pittsburgh, Pennsylvania 15213

Credit: 17 hrs.

September 24-25, 1977

148. "Review on Selected Primary Health Care Topics" (09-77-20-25)

Contact: Robert Lapham, PA-C
CME Director, DEAPA
Maine Medical Center
Portland, Maine 04102

Credit: 13 hrs. 30 min.

September 26-28, 1977

149. "Clinical Skills for Physician Assistants V" (09-77-39-25)

Contact: Division of Continuing Education
Hahnemann Medical College
230 North Broad Street
Philadelphia, Pennsylvania 19102

Credit: 20 hrs. 45 min.

September 28, 1977

150. "Neuro-Surgical Treatment of Motor Disorders" (09-77-33-06)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

September 29-30, 1977

151. "Sexuality and the Health Professional" (09-77-34-21)

Contact: Hettie Nagel, R.N., FNP
Director, FNP Program
Mountain Area Health Education Center
509 Biltmore Avenue
Asheville, North Carolina 28801

Credit: 10 hrs.

September 30 - October 2, 1977

152. "Fall Continuing Medical Education Seminar" (09-77-05-21,25)

Contact: Larry A. Bos, PA-C
Seminar Chairman, C.A.P.A.
P.O. Box 2228
Merced, California 95340

Credit: 20 hrs.

October 3-14, 1977

153. "Intensive, Comprehensive Review Course for Physicians' Assistants" (10-77-28-25)

Contact: James Van Arsdall
The University of Nebraska
Medical Center
42nd and Dewey Avenue
Omaha, Nebraska 68105

Credit: 100 hrs.

October 3-4, 1977

154. "National Board Review" (10-77-23-25)

Contact: Mary Day
Mercy College of Detroit
PA Program
8200 W. Outer Drive
Detroit, Michigan 48219

Credit: 11 hrs.

October 3-4, 1977

155. "Third Annual Continuing Medical Education Program for Physician's Extenders" (10-77-16-25)

Contact: Gary Johnson, PA-C
PA Program
The University of Iowa
College of Medicine
Office of the Dean
Iowa City, Iowa 53342

Credit: 14 hrs.

October 5, 1977

156. "Differential Diagnosis of Chest Diseases" (10-77-33-08)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

October 5-6, 1977

157. "Seventeenth Annual Charlotte Postgraduate Seminar" (10-77-34-00)

Contact: David S. Citron, M.D.
P. O. BOx 2554
Charlotte, North Carolina 28234

Credit: 12 hrs.

October 6-9, 1977

158. "Annual Obesity and Associated Conditions Symposium 1977 of the American Society of Bariatric Physicians" (10-77-29-03)

Contact: Randall Lee, Executive Director
American Society of Bariatric Physicians
333 West Hampden Avenue
Englewood, Colorado 80110

Credit: 8 hrs. 45 min.

October 7, 1977

159. "Hemorrhagic Shock -- Shock Lung and Multiple System Organ Failure" (10-77-33-23)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

October 8, 1977

160. "Second Annual Convention of the Tennessee Academy of Physician Assistants" (10-77-43-25)

Contact: Edmund Wise, PA-C
Tennessee Academy of Physicians' Assistants
1238 Venido Drive
Knoxville, Tennessee 37922

Credit: 6 hrs.

October 9-12, 1977

161. "Electrocardiography Workshop" (10-77-38-07)

Contact: Carole Czujko
Tampa Tracings Workshop, 300 West Bldg., Suite 408
3151 3rd Avenue North, P. O. Box 14405
St. Petersburg, Florida 33733

Credit: 16 hrs.

October 12, 1977

162. "Difficult Chest Problems" and "Acid Base Balance" (10-77-33-03,08)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs. for each lecture

October 13-14, 1977

163. "Tri-State Symposium on Epilepsy" (10-77-34-06)

Contact: Pat Gibson, ACSW
Comprehensive Epilepsy Program
The Bowman Gray School of Medicine of Wake Forest Univ.
Department of Neurology
Section of Pediatric Neurology
Winston-Salem, North Carolina 27103

Credit: 10 hrs.

October 13-16, 1977

164. "Third Annual Florida Academy of Physician Assistants Conference" (10-77-10-25)

Contact: Leonard Milcowitz, PA
107 High Street
New Port Richey, Florida 33552

Credit: 19 hrs.

October 14, 1977

165. "Comparison of Results with Goretex and Saphenous Vein Grafts in Arterial Reconstructions" (10-77-33-23)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

October 15, 1977

166. "Pediatric Orthopedics" (10-77-28-13)

Contact: Gerry Taylor, PA-C
CME Chairman
The Nebraska Academy of PAs, Box 73
Blue Hill, Nebraska 68970

Credit: 3 hrs.

October 17-18, 1977

167. "2nd Annual Symposium on Pediatric Cardiology" (10-77-28-07,20)

Contact: Lorraine Hedman, R.N., M.P.N.
Continuing Education for Nursing
The University of Nebraska Medical Center
42nd Street and Dewey Avenue
Omaha, Nebraska 68105

Credit: 10 hrs. 35 min.

October 18 - December 13, 1977

168. "The Challenge to Stay Well After 60" (10-77-33-30)

Contact: Jane Porcino, C.S.W.
School of Allied Health Professions
Health Sciences Center
State University of New York at Stony Brook
Stony Brook, New York 11794

Credit: 16 hrs. for lecture series

October 19, 1977

169. "Interpretation of Chest Film - Part IV" (10-77-33-19)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

October 19-21, 1977

170. "Family Practice Review" (10-77-48-25)

Contact: U.S.P.H.S. Hospital
1131 14th Avenue South
Seattle, Washington 98114

Credit: 20 hrs.

October 21-22, 1977

171. "AAPA Constituent Chapter Officers Workshop" (10-77-47-36)

Contact: AAPA
2341 Jefferson Davis Hwy., Suite 700
Arlington, Virginia 22202

Credit: Not specified

October 24-25, 1977

172. "The Management of Pediatric Emergencies" (10-77-22-17, 20, 35)

Contact: Bayard Ewing
Community Services Program
The Children's Hospital Medical Center
2000 Longwood Avenue
Boston, Massachusetts 02115

Credit: 12 hrs.

October 25-28, 1977

173. "1977 North Carolina School of Alcohol Studies, Positive Approaches to Community Intervention" (10-77-34-32)

Contact: Jerry Lotterhos
Director, Alcoholism Training Program
East Carolina University
Greenville, North Carolina 27834

Credit: 12 hrs. 15 min.

October 26, 1977

174. "Exotic Lesions of the Lower Bowel" (10-77-33-09)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

October 27-29, 1977

175. "CME Symposium" (10-77-44-25)

Contact: Paul Cephus, PA-C
Central Texas Ass'n of Military Physicians' Assistants
P.O. Box 5336
Fort Hood, Texas 76544

Credit: 21 hrs.

October 28, 1977

176. "Granulomatous Diseases of the Bowel" (10-77-33-09)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

October 28, 1977

177. "Diagnostic and Therapeutic Tools in Cardiac Emergencies" (10-77-24-07)

Contact: Jacquelyn Grinde
The University of North Dakota
College of Nursing
Grand Forks, North Dakota 58202

Credit: 6 hrs.

October 28-29, 1977

178. "Infectious Disease Symposium" (10-77-11-01)

Contact: Jack Peterson, M.M.Sc.
Emory University School of Medicine
Division of Allied Health Professions
PA Program
P.O. Box 22095
Atlanta, Georgia 30322

Credit: 8 hrs.

October 28-29, 1977

179. "3rd Colorado Rural Health Conference" (10-77-06-24)

Contact: Mrs. Virginia Bell
Colorado Medical Society
1601 East 19th Avenue
Denver, Colorado 80218

Credit: 12 hrs.

November 1, 1977

180. "Monoclonal Gammopathies" (11-77-32-04)

Contact: David A. Bennahum, M.D.
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

November 2, 1977

181. "Pharmacology of Psychotropic Drugs" (11-77-33-34)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

November 3-5, 1977

182. "Second Annual Fall Continuing Medical Education Seminar, A Pediatric-Medical-Surgical Program" (11-77-50-25)

Contact: Jerry W. Smith, PA-C, Program Coordinator
Milwaukee Medical Clinic, S.C.
3003 West Good Hope Road
Milwaukee, Wisconsin 53209

Credit: 15 hrs and 5 hrs. film viewing

November 4-5, 1977

183. "Helping People Help Themselves" (11-77-42-32)

Contact: Mary Kay Lerssen
808 South Detroit Avenue
Sioux Falls, South Dakota 57103

Credit: 13 hrs.

November 4, 1977

184. "Experiences with Operable Carcinoma of the Prostate" (11-77-33-02,10)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

November 4-5, 1977

185. "Wyoming Association of Physician's Assistants, Bi-Annual CME Conference" (11-77-51-25)

Contact: Jerry Peterson, MEDEX
Family Practice Center
Riverton, Wyoming 82501

Credit: 15 hrs.

November 5-6, 1977

186. "A Weekend of Continuing Medical Education for the Primary Care Physician Assistant" (11-77-22-25)

Contact: Terry Lindblom, PA-C
Massachusetts Association of PAs
P.O. Box 383, Kenmore Square
Boston, Massachusetts

Credit: 10 hrs.

November 8, 1977

187. "Early Visual Experience and the Visual Cortex" (11-77-32-06)

Contact: David Bennahum, M.D.
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

November 8-11, 1977

188. "Electrocardiography Workshop" (11-77-01-07)

Contact: Carole Czujko
Tampa Tracings Workshop
300 West Bldg., Suite 408
3151 3rd Avenue North
P.O. Box 14405
St. Petersburg, Florida 33733

Credit: 16 hrs.

November 9, 1977

189. "The Use of the Colonoscope as a Diagnostic Tool" (11-77-33-09)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

November 9-11, 1977

190. "Communicable and Infectious Disease Seminar" (11-77-03-01,29)

Contact: Leland Fairbanks, M.D.
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hrs.

November 11, 1977

191. "Blood Component Therapy" (11-77-33-04)

Contact: Richard Rosen, M.D.
Department of Surgery, Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

November 12, 1977

192. "Reproductive Biology for the Clinician" (11-77-17-10, 11, 15)

Contact: Kansas Academy of PAs
Box 18283
Wichita, Kansas 67207

Credit: 5 hrs. 30 min.

November 15, 1977

193. "Sexual Dysfunction in Organic Disease" (11-77-32-10)

Contact: David Bennahum, M.D.
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

November 16, 1977

194. "The Use of Intraoccular Lenses" (11-77-33-06)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

November 18, 1977

195. "Breast Cancer" (11-77-33-02, 10)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

November 18, 1977

196. "North Dakota Academy of Family Physicians, Topics on Dermatology, Cardiology, Hypertension, Pediatrics, Alcoholism, and Sports Medicine" (11-77-35-25)

Contact: Jacquelyn Grinde
The University of North Dakota
College of Nursing
Grand Forks, North Dakota 58202

Credit: 4 hrs. 10 min.

November 19, 1977

197. "Topics in Emergency Medicine: Their Diagnosis and Management" (11-77-33-17, 35)

Contact: Maria Sorresso
PA Program
Long Island University/Brooklyn-Cumberland Medical Center
Brooklyn, New York 11201

Credit: 6 hrs. 15 min.

November 21, 1977

198. "Rheumatology" (11-77-05-13)

Contact: Raymond Kay, M.D.
Coordinator of Medical Manpower
Southern California Permanente Medical Group
Department of Medical Manpower
4900 Sunset Blvd., Suite 2005
Los Angeles, California 90027

Credit: 6 hrs.

November 22, 1977

199. "Treatment of Sexual Dysfunction" (11-77-32-10)

Contact: David Bennahum, M.D.
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

November 23, 1977

200. "Carcinoma of the Larynx" (11-77-33-02)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

November 29, 1977

201. "Septic Abortion -- The Return of an Old Enemy?" (11-77-32-11)

Contact: David Bennahum, M.D.
Director of Medical Education
Presbyterian Hospital Center
Albquerque, New Mexico 87102

Credit: 1 hr.

November 30, 1977

202. "Diagnosis of Hyperparathyroidism and Treatment" (11-77-33-03)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

November 30 - December 2, 1977

203. "Family Practice Review" (11-77-03-25)

Contact: Leland Fairbanks, M.D.
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hrs.

December 2, 1977

204. "1977 Oklahoma Winter Continuing Medical Education Program" (12-77-37-25)

Contact: Michael Kuns, PA-C
Oklahoma Academy of PAs
1107 Honor Heights Drive
Box 152A
Muskogee, Oklahoma 74401

Credit: 8 hrs.

December 3, 1977

205. "Current Concepts of Mechanisms and Management of Obstructive Lung Disease" (12-77-33-08)

Contact: Fran Beynon
Department of Allergy and Immunology
Long Island College Hospital
340 Henry Street
Brooklyn, New York 11201

Credit: 4 hrs. 30 min.

December 5-8, 1977

206. "Emergency Care" (12-77-31-17)

Contact: Division of Continuing Education
Hahnemann Medical College
230 North Broad Street
Philadelphia, Pennsylvania 19102

Credit: 28 hrs.

December 6, 1977

207. "A Lady In Pain" (12-77-33-33)

Contact: David Bennahum, M.D.
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

December 7, 1977

208. "Newer Aspects of the Diagnosis and Treatment of Rheumatoid Arthritis" (12-77-33-13)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

December 9, 1977

209. "Subphrenic Abscess" (12-77-33-08)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

December 11, 1977

210. "New Hampshire Society of PAs CME Program" (12-77-30-21)

Contact: Joseph Kaplowe, Jr.
35 Buena Vista Road
Claremont, New Hampshire 03743

Credit: 5 hrs. 15 min.

December 13, 1977

211. "Biofeedback and Related Techniques in Stress Linked Disorders" (12-77-32-05, 32)

Contact: David Bennahum
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

December 14, 1977

212. "Unrecognized Thyroid Problems" (12-77-33-03)

Contact: Evelyne Jeanniton
147-24 228 Street
Rosedale, New York 11413

Credit: 2 hrs.

December 16, 1977

213. "Survey on Hirschsprung's Disease of the Surgical Section of the American Academy of Pediatrics" and "Use of Laparoscopy in the Diagnosis of Intraabdominal Pain" (12-77-33-09,23)

Contact: Richard Rosen, M.D.
Department of Surgery
Montefiore Hospital
111 East 210th Street
Bronx, New York 10467

Credit: 1 hr.

December 20, 1977

214. "Treatment of Patient with Hypochondriasis" (12-77-32-05)

Contact: David Bennahum, M.D.
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

January 2, 1978 for 3 weeks

1. "Phleborheography" (01-78-36-07)

Contact: Ken Rechtin
A/V Projectionist/Instructor, Staff Education Department
Good Samaritan Hospital
Cincinnati, Ohio 45220

Credit: 40 hrs.

January 3, 1978

2. "Death by Overdose" (01-78-32-17)

Contact: David Bennahum, M.D., Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

January 6, 1978

3. "The Metabolic Response to Injury" (01-78-33-17,23)

Contact: Howard Rose, SA
Cornell University Medical College
Surgeon's Assistant Program
1300 New York Avenue
New York, New York 10021

Credit: 1 hr.

January 8-11, 1978

4. "Electrocardiography Workshop" (01-78-44-07)

Contact: Carole Czujko
Tampa Tracings Workshop
300 West Bldg., Suite 408
3151 3rd Avenue North
P.O. Box 14405
St. Petersburg, Florida 33733

Credit: 16 hrs.

January 10, 1978

5. "Exercise, Alcohol, Sex and High Density Lipoproteins" (01-78-32-33)

Contact: David Bennahum
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

January 12, 1978

6. "Common Pediatric Eye Problems/Emergencies" (01-78-33-06,20)

Contact: Jan Fink
Department of Ambulatory Services
The Genesee Hospital
220 Alexander Street, Suite 702
Rochester, New York 14607

Credit: 1 hr.

January 13 and 20, 1978

7. "Fluids and Electrolytes" (01-78-33-03)

Contact: Howard Rose, SA
Cornell University Medical College
Surgeon's Assistant Program
1300 York Avenue
New York, New York 10021

Credit: 2 hrs. for both lectures

January 17, 1978

8. "Exercise and the Prevention of Disease" (01-78-32-29)

Contact: David Bennahum
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

January 19-20, 1978

9. "HELP -- The Phenomenon of Stress" (01-78-05-05)

Contact: Raymond Kay, M.D.
Coordinator of Medical Manpower
Southern California Permanente Medical Group
4900 Sunset Blvd.
Los Angeles, California 90027

Credit: 12 hrs.

January 19-21, 1978

10. "First Annual CME Seminar" (01-78-41-25)

Contact: Gene O'Connor
South Carolina Academy of PAs
Memorial Clinic, P.O. Box 1174
Seneca, South Carolina 29678

Credit: 16 hrs. 30 min.

January 20-21, 1978

11. "Winter CME 1978" (01-78-23-17, 35)

Contact: Gerald Dudek, PA
Michigan Academy of PAs
c/o R, G. Williams Clinic, 524 Mather Avenue
Ishpeming, Michigan 49849

Credit: 8 hrs. plus 2 optional hrs.

January 21-22, 1978

12. "ASBP Basic Bariatric Course" (01-78-10-03)

Contact: Eleanor Buchtel
Administrative Assistant
American Society of Bariatric Physicians
333 West Hampden Avenue
Englewood, Colorado 80110

Credit: 10 hrs.

January 24, 1978

13. "The Future of Athletic Records" (01-78-32-28)

Contact: David Bennahum, M.D.
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

January 25-27, 1978

14. "Primary Care Seminar for Physician Extenders" (01-78-03-25)

Contact: Leland Fairbanks, M.D.
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hrs.

January 27, 1978

15. "Surgical Nutrition and Diets" (0178-33-03)

Contact: Howard Rose, SA
Cornell University Medical College
Surgeon's Assistant Program
1300 York Avenue
New York, New York 10021

Credit: 1 hr.

January 27-30, 1978

16. "Electrocardiography Workshop" (01-78-05-07)

Contact: Carole Czujko
Tampa Tracings Workshop
300 West Bldg., Suite 408
3151 3rd Avenue North
P.O. Box 14405
St. Petersburg, Florida 33733

Credit: 16 hrs.

January 27-29, 1978

17. "Fourth Annual Conference WAPA" (01-78-48-25)

Contact: James Davidson, PA-C
Washington Academy of PAs
Route 3, Box 3508
Grandview, Washington 98930

Credit: 10 hrs.

January 28, 1978

18. "A CME Winter Update" (01-78-10-25)

Contact: Randy Bennett, PA-C
Florida Academy of PAs
Box 8908
Orlando, Florida 32856

Credit: 8 hrs.

January 31, 1978

19. "Exercise Rehabilitation of Cardiac Patients in Albuquerque" (01-78-32-07)

Contact: David Bennahum, M.D.
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

February 1, 1978

20. "The Newer Aspects of Anti-Inflammatory Therapy for Rheumatoid Arthritis and Osteoarthritis" (02-78-33-13)

Contact: Michael Gonzalez, RPA
704 Maple Avenue
Elmira, New York 14904

Credit: 3 hrs.

February 3, 1978

21. "Surgery of the Biliary Tract" (02-78-33-23)

Contact: Howard Rose, S.A.
Cornell University Medical College
Surgeon's Assistant Program
1300 York Avenue
New York, New York 10021

Credit: 1 hr.

February 3-4, 1978

22. "Third Annual Convention" (02-78-03-00)

Contact: B.R. Alter, PA
Box 131
Pearce, Arizona 85625

Credit: 17 hrs.

February 4-5, 1978

23. "Update '78" (02-78-14-25)

Contact: Laurie J. Lipsig, PA-C
CME Director
Illinois Academy of PAs
434 W. Diversey Apt. 3B
Chicago, Illinois 60614

Credit: 8 hrs. 15 min. plus 3 hrs. for the optional course

February 4, 1978

24. "Evaluation of Risk Factors in Vascular Disease" (02-78-13-29)

Contact: Ron Berge, PA
Idaho Academy of PAs
P.O. Box "P"
Pocatello, Indiana 83201

Credit: 7 hrs.

February 5, 1977

25. "CME Cervical Disc Disease" (02-78-31-13)

Contact: Anne E. Riker, PA-C
New Jersey State Society of PAs
PA Program, P.O. Box 101
Piscataway, New Jersey 08854

Credit: 1 hr.

February 6-9, 1978

26. "Seventh Annual Family Practice Refresher Course" (02-78-45-25)

Contact: Linda Twitchell
Department of Community and Family Medicine
University of Utah Medical Center
50 North Medical Drive
Salt Lake City, Utah

Credit: 30 hrs.

February 7, 1978

27. "Cardiomyopathy" (02-78-32-07)

Contact: David Bennahum, M.D.
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

February 10-11, 1978

28. "Third Annual TAPA-OAPA CME Symposium" (02-78-44-25)

Contact: Barry Buschmann, PA-C
PA Program
University of Texas Health Science Center
School of Allied Health Sciences
5323 Harry Hines Blvd.
Dallas, Texas 75235

Credit: 15 hrs.

February 12, 1978

29. "Kansas Academy of PAs CME Program" (02-78-17-25)

Contact: Elizabeth Sheldon, PA-C
KAPA, 810 Lawrence Lane
Wichita, Kansas 67206

Credit: 8 hrs.

February 13-24, 1978

30. "1978 Family Practice Review Course" (02-78-28-25)

Contact: Richard Reimer, Center for Continuing Education
University of Nebraska Medical Center
42nd and Dewey Avenue
Omaha, Nebraska 68105

Credit: 100 hrs.

February 14, 1978

31. "Cost Containment -- Is This Our Responsibility?" (02-78-32-33)

Contact: David Bennahum, M.D.
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

February 16, 1978

32. "Acute Respiratory Emergencies" (02-78-21-17,35)

Contact: Konstantinos Dritsas, M.D.
Interim Chief of Surgery
The Good Samaritan Hospital
5601 Loch Raven Blvd.
Baltimore, Maryland 21239

Credit: 1 hr. 30 min.

February 16-17, 1978

33. "Family Planning Medical Update Workshop" (02-78-44-21)

Contact: Richard Casper, Vice President
James Bowman Associates
302 West 15th Street, Suite 200
Austin, Texas 78701

Credit: 11 hrs.

February 17, 1978

34. "Total Parenteral Nutrition" (02-78-33-23)

Contact: Howard Rose, S.A.
Cornell University Medical College, Surgeon's Assistant Program
1300 York Avenue
New York, New York 10021

Credit: 1 hr

February 18-19, 1978

35. "Frontiers in Primary Care" (02-78-36-25)

Contract: Janice Vinicky, PA-C
Cleveland Clinic Foundation
c/o PA Program, 9500 Euclid Avenue
Cleveland, Ohio 44106

Credit: 13 hrs.

February 21, 1978

36. "Appropriate Coronary Revascularization" (02-78-32-07)

Contact: David Bennahum, M.D.
Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

February 22-24, 1978

37. "Obstetrics-Gynecology Review" (02-78-32-10)

Contact: Leland Fairbanks, M.D.
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hrs.

February 23, 1978

38. "Practical Pharmacology" (02-78-21-34)

Contact: Konstantinos Dritsas, M.D.
Interim Chief of Surgery
The Good Samaritan Hospital
5601 Loch Raven Blvd.
Baltimore, Maryland 21239

Credit: 1 hr. 30 min.

February 23, 1978

39. "Diagnosis of Coronary Heart Disease" (02-78-11-07)

Contact: Dorner C. Tice, PA-C
1738 Kissingbower Rd.
Augusta, Georgia 30904

Credit: 1 hr.

February 24, 1978

40. "Diseases of the Prostate" (02-78-33-10)

Contact: Howard Rose, SA
Cornell University Medical College
Surgeon's Assistant Program
1300 York Avenue
New York, New York 10021

Credit: 1 hr.

February 24-25, 1978

41. "CME Conference Sponsored by the AKAPA" (02-78-02-25)

Contact: Glenn L. Brown, PA-C
Box 130 Carla Street
Eagle River, Alaska 99577

Credit: 15 hrs.

February 24-27, 1978

42. "Electrocardiography Workshop" (02-78-00-07)

Contact: Carole Czujko
Tampa Tracings Workshop
Suite 408, 300 West Bldg.
3151 3rd Avenue North
P.O. Box 14405
St. Petersburg, Florida 33733

Credit: 16 hrs.

February 25-26, 1978

43. "First Annual Mississippi Academy of Physician Assistants Conference" (02-78-25-25)

Contact: Bernd Luhrs, SMSgt, USAF
323 Beach Drive, Apt. 7
Ocean Springs, Mississippi 39564

Credit: 13 hrs.

February 25-26, 1978

44. "American Association of Surgeon's Assistants Second Annual Continuing Medical Education Symposium" (02-78-18-23)

Contact: David J. Bissonette, SA, PA-C
Presbyterian University Hospital
Room 9402
Lothrop Street
Pittsburgh, Pennsylvania 15213

Credit: 7 hrs.

February 28, 1978

45. "The Marathon" (02-78-32-28)

Contact: David Bennahum, M.D., Director of Medical Education
Presbyterian Hospital Center
Albuquerque, New Mexico 87102

Credit: 1 hr.

March 2, 1978

46. "Common Orthopedic Problems of Childhood" (03-78-33-13,20)

Contact: Jan Fink
Department of Ambulatory Services
The Genesee Hospital
220 Alexander Street
Suite 702
Rochester, New York 14607

Credit: 1 hr.

March 2, 1978

47. "Acute Respiratory Emergencies" (03-78-21-35)

Contact: Konstantinos Dritsas, M.D.
Interim Chief of Surgery
The Good Samaritan Hospital
5601 Loch Raven Blvd.
Baltimore, Maryland 21239

Credit: 1 hr. 30 min.

March 2-3, 1978

48. "The Practical Use of Respiratory Care" (03-78-11-08)

Contact: Vicky B. Partin
Georgia Lung Association -- West Central Branch
1217 Eberhart Avenue
Columbus, Georgia 31906

Credit: 7 hrs. 30 min.

March 4, 1978

49. "Continuing Medical Education Conference" (03-78-04-06,07)

Contact: Norma Newton, PA
CME Committee
Neurosurgery Section
VA Hospital
300 East Roosevelt Road
Little Rock, Arkansas 72206

Credit: 3 hrs. 30 min.

March 9-10, 1978

50. "Innovations in Rural Health" (03-78-39-29)

Contact: Ray Snyder
Continuing Medical Education
The Milton S. Hershey Medical Center
The Pennsylvania State University
Hershey, Pennsylvania 17033

Credit: 12 hrs.

March 9-11, 1978

51. "NAPA Spring Conference and CME Program" (03-78-28-25)

Contact: Gerald A. Taylor, PA-C
Nebraska Academy of PAs
Box 73
Blue Hill, Nebraska 68930

Credit: 12 hrs.

March 9-30, 1978

52. "Upper and Lower GI Bleeding" (03-78-21-09)

Contact: Konstantinos Dritsas, M.D.
Interim Chief of Surgery
The Good Samaritan Hospital
5601 Loch Raven Blvd.
Baltimore, Maryland 21239

Credit: 1 hr. 30 min. per lecture (6 hrs. total)

March 11-12, 1978

53. "New Mexico Academy of PAs CME Program" (03-78-32-25)

Contact: George F. Smith, PA-C
New Mexico Academy of PAs, 1506 South 2nd
Tucumcari, New Mexico 88401

Credit: 9 hrs.

March 16-18, 1978

54. "American Academy of Medical Preventics 1978 Spring Conference" (03-78-11-29)

Contact: G. F. Gordon, M.D.
American Academy of Medical Preventics, 3811 "L" Street
Sacramento, California 95816

Credit: 11 hrs.

March 18-19, 1978

55. "The Second Annual Continuing Medical Education Symposium for Physician's Assistants, Surgeon's Assistants and Nurse Practitioners" (03-78-39-25)

Contact: David Bissonette, PA-C
Presbyterian University Hospital
Room 9402
230 Lothrop Street
Pittsburgh, Pennsylvania 15213

Credit: 10 hrs.

March 18-19, 1978

56. "ASBP Basic Bariatric Course" (03-78-06-03)

Contact: Eleanor Buchtel
American Society of Bariatric Physicians
333 West Hampden Avenue
Englewood, Colorado 80110

Credit: 10 hrs.

March 23, 1978

57. "Myths and Magic in the Management of Chronic Obstructive Lung Disase" (03-78-11-08)

Contact: Kenneth L. Smith, PA-C
Central Savannah River Area Physicians' Assistant Society
PA Program
Medical College of Georgia
Augusta, Georgia 30902

Credit: 1 hr.

March 16-20, 1978

58. "Electrocardiography Workshop" (03-78-11-07)

Contact: Carole Czujko
Tampa Tracings Workshop
300 West Bldg, Suite 408
3151 3rd Avenue North
P.O. Box 14405
St. Petersburg, Florida 33733

Credit: 16 hrs.

March 29, 1978

59. "Continuing Educational Programs: Sophisticated Evaluation of the Cardiac Outpatient" (03-78-05-07)

Contact: Raymond Kay, M.D.
Coordinator of Medical Manpower
Southern California Permanente Medical Group
4900 Sunset Blvd.
Los Angeles, California 90027

Credit: 6 hrs.

March 29, 1978

60. "Third Annual Postgraduate Teaching Day for Graduate Physician's Assistants" (03-78-33-25)

Contact: Arthur De Luca
Albany Medical College of Union University
Department of Postgraduate Medicine
Albany, New York 12208

Credit: 4 hrs. 45 min.

March 30, 1978

61. "Chronic End-State Renal Disease" (03-78-41-10)

Contact: Richard H. Flanagan, PA-C
Biomedical Applications, Inc.
1009 Grove Road
Greenville, South Carolina 29605

Credit: 6 hrs. 10 min.

March 31, 1978

62. "Neurological Nursing" (03-78-35-06)

Contact: Jacquelyn Grinde
College of Nursing
The University of North Dakota
University Station
Grand Forks, North Dakota 58202

Credit: 6 hrs. 30 min.

April 2-6, 1978

63. "Sixth Annual Conference on Health Practitioners" (04-78-29-25)

Contact: AAPA
2341 Jefferson Davis Hwy, Suite 700
Arlington, Virginia 22202

Credit: Over 50 hrs. offered - some concurrently

April 3-6, 1978

64. "Electrocardiography Workshop" (04-78-47-07)

Contact: Carole Czujko
Tampa Tracings Workshop
300 West Bldg., Suite 408
3151 3rd Avenue North
P.O. Box 14405
St. Petersburg, Florida 33733

Credit: 16 hrs.

April 6 and April 13, 1978

65. "Practical Pharmacology" (04-78-21-34)

Contact: Konstantinos Dritsas, M.D.
Interim Chief of Surgery
The Good Samaritan Hospital
5601 Loch Raven Blvd.
Baltimore, Maryland 21239

Credit: 1 hr. 30 min. per lecture (3 hrs. total)

April 7, 1978

66. "Peripheral Vascular Disease" (04-78-33-07)

Contact: Howard Rose, SA
Cornell University Medical College
Surgeon's Assistant Program
1300 York Avenue
New York, New York 10021

Credit: 1 hr.

April 7-9, 1978

67. "The Practical Management of Pain" (04-78-41-25)

Contact: Helen O'Toole
Division of Continuing Education
Medical University of South Carolina
171 Ashley Avenue
Charleston, South Carolina 29403

Credit: 10 hrs.

April 10-21, 1978

68. "Family Practice Review Course" (04-78-28-25)

Contact: James Van Arsdall
The University of Nebraska
Medical Center
42nd and Dewey Avenue
Omaha, Nebraska 68105

Credit: 100 hrs.

April 12 - June 28, 1978

69. "Human Behavior" (04-78-17-05, 21)

Contact: Elizabeth Sheldon, PA-C
Kansas Academy of PAs
810 Lawrence Lane
Wichita, Kansas 67206

Credit: 2 hrs. per lecture (8 hrs. total)

April 12-13, 1978

70. "Continuing Medical Education Seminar" (04-78-42-25)

Contact: Leland Fairbanks, M.D.
Phoenix Indian Medical Center, 4212 N. Sixteenth St.
Phoenix, Arizona 85016

Credit: 13 hrs.

April 14, 1978

71. "Aneurysms" (04-78-33-07)

Contact: Howard Rose, SA
Cornell University Medical College, Surgeon's Assistant Program
1300 York Avenue
New York, New York 10021

Credit: 1 hr.

April 14-15, 1978

72. "Helping the Little People" (04-78-42-11-15)

Contact: Karen Tiede, R.N., PA-C
South Dakota Association of PAs, Suite 304
1200 S. Euclid
Sioux Falls, South Dakota 57105

Credit: 13 hrs. 15 min.

April 20 and April 27, 1978

73. "Cardiac Emergencies" (04-78-21-07,35)

Contact: Konstantinos Dritsas, M.D., Interim Chief of Surgery
The Good Samaritan Hospital
5601 Loch Raven Blvd.
Baltimore, Maryland 21239

Credit: 1 hr. 30 min. per lecture (3 hrs. total)

April 21, 1978

74. "Clinical Pharmacology I" (04-78-39-34)

Contact: Jane Krumrine
Continuing Education
The Hahnemann Medical College and Hospital
230 North Broad Street
Philadelphia, Pennsylvania 19102

Credit: 5 hrs. 30 min

April 21-22, 1978

75. "A Seminar on Acute and General Respiratory Care" (04-78-10-08)

Contact: Catherine B. Tokarz, R.N., Staff Development Coordinator
West Pasco Hospital
500 Indiana Avenue
New Port Richey, Florida 33552

Credit: 14 hrs. 10 min.

April 21, 1978

76. "Hand Injuries" (04-78-33-17)

Contact: Howard Rose, SA
Cornell University Medical College
Surgeon's Assistant Program, 1300 York Avenue
New York, New York 10021

Credit: 1 hr.

April 22, 1978

77. "The Heart-Four Decades in Perspective" (04-78-16-07)

Contact: Susan Anderson, RN, Health Occupation Coordinator
Des Moines Area Community College
2006 S. Ankeny Blve.
Ankeny, Iowa 50021

Credit: 6 hrs.

April 22-23, 1978

78. "ASBP Basic Bariatrics Course" (04-78-44-03)

Contact: Eleanor Buchtel
American Society of Bariatric Physicians
333 West Hampden Avenue
Englewood, Colorado 80110

Credit: 10 hrs.

April 28-30, 1978

79. "Psychopharmacology Conference for Consultant Pharmacists and Other Interested Health Professionals" (04-78-10-34)

Contact: Max Lemberger
Division of Continuing Professional Education
College of Pharmacy, Box J-4, J. Hillis Miller Health Center
Gainsville, Florida 32610

Credit: 17 hrs.

April 29, 1978

80. "CME Speaker -- OSPA Meeting -- Tuberculosis" (04-78-38-01)

Contact: Sandra E. Mitchell, CME Chairman
Oregon Society of PAs
571 Mary Neal Lane
Creswell, Oregon 97426

Credit: 1 hr.

April 27, 1978

81. "Assessment and Treatment of Burns" (04-78-11-17)

Contact: Kenneth L. Smith
Central Savannah River Area PA Society
Rm. 333, Residence III, Medical College of Georgia
Augusta, Georgia 30901

Credit: 1 hr.

April 28, 1978

82. "Breast Surgery", "Respiratory Failure," and "Throat Surgery" (04-78-33-08,10,23)

Contact: Howard Rose, SA
Cornell University Medical College
Surgeon's Assistant Program
1300 York Avenue
New York, New York 10021

Credit: 1 hr. per lecture (3 hrs. total)

Mary 3-4, 1978

83. "Indian Health Service (IHS) Continuing Medical Education Seminar on Primary Care" (05-78-27-25)

Contact: Robert Ashmore, R.Ph., M.P.H.
Physician Extender Area Pharmacy Officer
Billings Area IHS
P.O. Box 2143
Billings, Montana 59103

Credit: 20 hrs.

May 4 and May 11, 1978

84. "Practical Pharmacology" (05-78-21-34)

Contact: Konstantinos Dritsas, M.D.
Interim Chief of Surgery
The Good Samaritan Hospital
5601 Loch Raven Blvd.
Baltimore, Maryland 21239

Credit: 1 hr. 30 min. per lecture (3 hrs. total)

May 5-8, 1978

85. "Electrocardiography Workshop" (05-78-31-07)

Contact: Carole Czujko
Tampa Tracings Workshop
300 West Bldg., Suite 408
3151 3rd Avenue North
P.O. Box 14405
St. Petersburg, Florida 33733

Credit: 16 hrs.

May 6-7, 1978

86. "EKG" and "Treadmill" (05-78-31-07)

Contact: Bob Ludovise
Training Program Coordinator
Medical Electronics Systems
815 South Central Avenue
Glendale, California 91204

Credit: 14 hrs. (7 hrs. each seminar)

May 6-7, 1978

87. "A Weekend of Continuing Medical Education for the Primary Care Physician Assistant" (05-78-22-25)

Contact: Roberta Lombardozzi, PA-C
Massachusetts Association of PAs
Mount Auburn Hospital
330 Mount Auburn Street
Cambridge, Massachusetts 02138

Credit: 12 hrs.

May 11-15, 1978

88. "Postgraduate Course in Orthopaedic Medicine" (05-78-33-13)

Contact: Jean Lynch, Coordinator
The University of Rochester Medical Center
Office of Continuing Professional Education
P.O. Box 601
Rochester, New York 14642

Credit: 32 hrs. 30 min.

May 11-13, 1978

89. "Spring Conference on Obstetric, Gynecologic and Neonatal Nursing" (05-78-02-11,15)

Contact: Ouida Peters, RN
Conference Chairman
The Nurses Association of the American College of Obstetricians and Gynecologists
P.O. Box 60762
Fairbanks, Alaska 99706

Credit: 12 hrs. 30 min.

May 12-14, 1978

90. "Washington Academy of Physician Assistants, Continuing Medical Education Conference" (05-78-48-17, 25)

Contact: James A. Davidson, PA-C
Washington State Academy of PAs
Route 3, Box 3508
Grandview, Washington 98930

Credit: 22 hrs.

May 13, 1978

91. "CPR Update" (05-78-47-07,35)

Contact: Ben Walton, PA-C
Trout Dale Community Health Clinic
P.O. Box 44
Trout Dale, Virginia 24378

Credit: 1 hr. 20 min.

May 13, 1978

92. "What Practicing Physicians Assistants Have To Teach Their Advocates" (05-78-34-36)

Contact: Jimmie L. Pharris, Ph.D.
Director
Physician Assistant Program
The Bowman Gray School of Medicine of Wake Forest University
Winston-Salem, North Carolina 27103

Credit: 4 hrs.

May 17, 1978

93. "Essential Hypertension" (05-78-09-07)

Contact: Gloria J. Horne
Chairperson
DCAPA - CME Committee Chairperson
5082 Silver Hill Ct. #203
Suitland, Maryland 22028

Credit: 2 hrs.

May 18 and May 25, 1978

94. "Cardiac Emergencies" (05-78-21-07,35)

Contact: Konstantinos Dritsas, M.D.
Interim Chief of Surgery
The Good Samaritan Hospital
5601 Loch Raven Blvd.
Baltimore, Maryland 21239

Credit: 1 hr. 30 min. per lecture (3 hrs. total)

May 18, 1978

95. "Human Sexuality I/Organic Causes of Sexual Dysfunction" (05-78-39-21)

Contact: Jane Krumrine
Assistant Director
Continuing Education
The Hahnemann Medical College and Hospital
of Philadelphia
230 North Broad Street
Philadelphia, Pennsylvania 19102

Credit: 5 hrs. 30 min.

May 19-20, 1978

96. "Clinical Update for Physicians' Assistants: The Annual Conference of the Georgia Association of Physicians' Assistants" (05-78-11-25)

Contact: Beauford F. Cranford
Associate Director for Programs
Georgia Southern College
Statesboro, Georgia 30458

Credit: 11 hrs.

May 19-21, 1978

97. "CME Seminar" (05-78-50-00)

Contact: Tim Bauer, PA-C
VA Hospital
Tomah, Wisconsin 54660

Credit: 15 hrs.

May 19-21, 1978

98. "National Training Conference in Humanistic Nursing and Medicine". (05-78-17-33)

Contact: Bernard Schatz, MD
Institute for the Study of Humanistic Medicine
1017 Dolores Street
San Francisco, California 94110

Credit: 15 hrs.

May 20, 1978

99. "EKG" and "Treadmill" (05-78-05, 07)

Contact: Bob Ludovise, Training Program Coordinator
Medical Electronics Systems, 815 S. Central Avenue
Glendale, California 91204

Credit: 14 hrs. (7 hrs. per seminar)

May 20-21, 1978

100. "ASBP Basic Bariatric Course" (05-78-39-03)

Contact: Eleanor Buchtel
American Society of Bariatric Physicians
333 West Hampden Avenue
Englewood, Colorado 80110

Credit: 10 hrs.

May 20-31, 1978

101. "Florida Academy of PAs -- A General Membership Meeting and Clinical Symposium for Physician Assistants and Allied Health Personnel" (05-78-10-25)

Contact: Randy Bennett, PA-C
Florida Academy of PAs
Box J-22, JHMHC, University of Florida
Gainesville, Florida 32610

CreditL 8 hrs.

May 24, 1978

102. "Licit Drug Abuse" (05-78-05-34)

Contact: Raymond Kay, M.D., Coordinator of Medical Manpower
Southern California Permanente Medical Group
4747 Sunset Boulevard
Los Angeles, California 90027

Credit: 5 hrs. 15 min.

May 24-26, 1978

103. "The Health Provider in Primary Care" (05-78-37-25)

Contact: Betty Wolfe, PA
Clinical Continuing
Medical Education Center
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 20 hrs.

May 25, 1978

104. "An Overview of Hypertension" (05-78-11-07)

Contact: Kenneth L. Smith
CME Committee Chairman
Central Savannah River Area PA Society
Room 333, Residence III
Medical College of Georgia
Augusta, Georgia 30901

Credit: 1 hr.

May 26, 1978

105. "Hernia Repair" (05-78-33-09)

Contact: Howard Rose, SA
Cornell University Medical College
Surgeon's Assistant Program
1300 York Ave.
New York, New York 10021

Credit: 1 hr.

June 2, 1978

106. "Reconstructive Surgery" (0 78-33-14,23)

Contact: Howard Rose, SA
Cornell University Medical College
Surgeon's Assistant Program
1300 York Avenue
New York, New York 10021

Credit: 1 hr.

June 2-5, 1978

107. "Electrocardiography Workshop" (06-78-17-07)

Contact: Carole Czujko
Tampa Tracings Workshop
Suite 408, 300 West Bldg.
3151 3rd Avenue North
P.O. Box 14405
St. Petersburg, Florida 33733

Credit: 16 hrs.

June 3, 1978

108. "CME Conference" (06-78-04-17)

Contact: Norma Newton, PA
Chairman, CME Committee
Arkansas Academy of PAs
Neurosurgery Section, VA Hospital
300 E. Roosevelt Rd.
Little Rock, Arkansas 72206

Credit: 3 hrs. 30 min.

June 3-4, 1978

109. "A Clinical Symposium for Physician Assistants and Allied Health Personnel" (06-78-10-25)

Contact: Randy Bennett, PA-C
President-Elect, F.A.P.A.
Box J-22, JHMHC
University of Florida
Gainesville, Florida 32610

Credit: 11 hrs. 30 min.

June 3-4, 1978

110. "Continuing Medical Education Meeting of the Downeast Association of Physician's Assistants" (06-78-20-25)

Contact: Robert Giggey, PA-C
Downeast Association of PAs
Rural Group Practice
North Main Street
Farmington, Maine 04938

Credit: 12 hrs.

June 8-10, 1978

111. "North Carolina Academy of Physician Assistants, Annual Conference" (06-78-34-25)

Contact: Nita Packer
Department of Surgery
Box 3465
Duke Medical Center
Durham, North Carolina 27710

Credit: 12 hrs.

June 8-9, 1978

112. "N.C. Family Nurse Practitioners Summer Seminar" (06-78-34-07,25)

Contact: Shirley Sutton
Family Nurse Practitioner Conference Group
and Wilmington Area Health Education Center
2131 South 17th Street
Wilmington, North Carolina 28401

Credit: 10 hrs.

June 9, 1978

113. "Small Bowel Obstruction" (06-78-33-09)

Contact: Howard Rose, SA
Cornell University Medical College
Surgeon's Assistant Program
1300 York Avenue
New York, New York 10021

Credit: 1 hr.

June 9, 1978

114. "Emergency Medical Care: The First Steps" (06-78-16-17,35)

Contact: Mark Jenkins
Training Coordinator
Emergency Medical Services
Learning Resource Center
University of Iowa Hospitals and Clinics
University of Iowa
Iowa City, Iowa 52242

Credit: 7 hrs.

June 10-11, 1978

115. "Gynecology and Dermatology Updates" (06-78-33-10,12)

Contact: Elaine Friedman
Continuing Medical Education
PA Program
School of Allied Health Professions
Health Sciences Center
State University of New York at Stony Brook
Stony Brook, New York 11794

Credit: 15 hrs. 30 min.

June 10 and June 17, 1978

116. "EKG" and "Treadmill" (06-78-36-07)

Contact: Bob Ludovise
Training Program Coordinator
Medical Electronics Systems
815 South Central Avenue
Glendale, California 91204

Credit: 14 hrs. (7 hrs. per seminar)

June 16, 1978

117. "Colon Surgery" (06-78-33-23)

Contact: Howard Rose, SA
Cornell University Medical College
Surgeon's Assistant Program
1300 York Avenue
New York, New York 10021

Credit: 1 hr.

June 16-17, 1978

118. "The First 30 Minutes, 1978" (06-78-27-35)

Contact: Irene Hegg, R.N.
Emergency Department Nurses Association
P.O. Box 2505
Billings, Montana 59103

Credit: 8 hrs.

June 19-22, 1978

119. "Instructional Alternatives for Health Professions Education" (06-78-14-36)

Contact: Center for Educational Development
University of Illinois at the Medical Center
1853 W. Polk St., Rm. 144
Chicago, Illinois 60612

Credit: 17 hrs.

June 24 and 25, 1978

120. "EKG" and "Treadmill" (06-78-05-07)

Contact: Bob Ludovise
Training Program Coordinator
Medical Electronics Systems
815 South Central Avenue
Glendale, California 91204

Credit: 14 hrs. (7 hrs. per seminar)

June 23-24, 1978

121. "American Heart Association Cardiac Life Support" (06-78-33-35)

Contact: Noreen Kerrigan
Institute of Emergency Medicine
Albert Einstein College of Medicine
Nurses' Residence, Rm. 1357
Bronx Municipal Hospital Center
Bronx, New York 10461

Credit: 16 hrs.

June 23-25, 1978

122. "Clinical Symposium for Primary Health Care Providers" (06-78-36-25)

Contact: Ms. Juanita Becker, PA
Ohio Association of PAs, 3038 Veazey Avenue
Cincinnati, Ohio 45238

Credit: 13 hrs.

June 23-25, 1978

123. "Summer CME: Diabetes Mellitus" (06-78-23-03)

Contact: Ken Klegon, PA, Michigan Academy of PAs
748 North Cedar Street
Lansing, Michigan 48906

Credit: 17 hrs.

June 24, 1978

124. "Update in Clinical Medicine" (06-78-11-18,22)

Contact: Kenneth L. Smith, PA-C
Central Savannah River Area PA Society
Rm. 333, Residence III
Medical College of Georgia
Augusta, Georgia 30901

Credit: 7 hrs.

June 28-30, 1978

125. "CME Seminar for Physician Extenders" (06-78-32-25)

Contact: Gary Copeland, R.Ph.
Phoenix Indian Medical Center
4212 North Sixteenth Street
Phoenix, Arizona 85016

Credit: 21 hrs. 25 min.

EXHIBIT D

Number of Programs Offered by Topic

EXHIBIT D

NUMBER OF PROGRAMS OFFERED BY TOPIC

Topic	DATE (from July) 1976	1977	(to June) 1978
Infectious and Parasitic Diseases	2	4	1
Neoplasms	2	9	0
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	2	11	7
Diseases of the Blood and Blood-Forming Organs	0	2	0
Mental Disorders	0	4	2
Diseases of the Nervous System and Sense Organs	3	8	3
Diseases of the Circulatory System	5	20	27
Diseases of the Respiratory System	1	11	4
Diseases of the Digestive System	5	9	3
Diseases of the Genitourinary System	3	10	5
Complications of Pregnancy, Childbirth, and the Puerperium	1	2	2
Diseases of the Skin and Subcutaneous Tissue	1	2	1
Diseases of the Musculoskeletal System and Connective Tissue	2	5	4
Congenital Anomalies	0	0	1
Causes of Perinatal Morbidity and Mortality/Neonatology	1	1	2
Systems, Signs, and Ill-Defined Conditions	0	0	0
Accidents, Poisonings, and Violence	4	14	9
General Exam/Diagnostic Skills	0	0	1

Topic	(from July) 1976	1977	(to June) 1978
Radiologic Exam/Radiotherapy/ Nuclear Medicine/Radiology	4	3	0
Well Baby and Child Care/ Pediatrics	2	6	2
Contraception/Family Planning/ Family Relations/Sexuality	0	4	3
Laboratory Exam/Pathology	0	2	1
Surgery/Post-Operative Care/ Rehabilitation	3	6	7
Practice Management/Medico-Legal Problems/Financial Planning	0	4	0
General and Review Courses	33	68	32
Tours and Cruises	0	0	0
Population and Ecology/ Occupational Health and Safety	0	0	0
Sports Medicine	0	0	2
Preventive Medicine/Community, Rural Medicine/International Health/Occupational Health and Safety	2	3	4
Geriatrics	1	5	0
Adolescent Medicine	0	1	0
Alcoholism, Child Abuse, Social Problems	0	7	0
Miscellaneous	2	5	3
Pharmacology	1	9	6
Emergency Medicine - (specified by individual system)	1	4	9
Nonclinical-administrative, educational	1	4	2
No information on topic	2	4	2

EXHIBIT E

CME Checklist Data

EXHIBIT E
Checklist 1

CME CHECKLIST

THIS MUST BE COMPLETED BEFORE THIS PROGRAM BEGINS

NAME: _____

REASONS FOR SELECTING THIS CME PROGRAM

Below are listed several reasons you might have for selecting a CME program. Check the major reasons you had for selecting this program.

	Major Reason(s) *	
11/	44%	Attractive program location
12/	56%	Convenient to where I live
13/	35%	Convenient time of year
14/	39%	Convenient days of the week
15/	62%	Topic(s) offered
16/	20%	Reputation of sponsor
17/	18%	Credentials of faculty
18/	7%	Program recommended by friend/colleague
19/	2%	Program recommended by supervising physician
20/	0%	Sponsor(s) recommended by supervising physician
21/	1%	Speaker(s) recommended by supervising physician
22/	1%	Topic(s) recommended by supervising physician
23/	35%	Tuition/registration costs
24/	8%	Lodging rates
25/	19%	Transportation cost
26/	59%	Opportunity to acquire new skills and knowledge
27/	68%	Opportunity to maintain previously learned skills and knowledge
28/	65%	Expectation that the information will be useful in my present practice
29/	77%	To fulfill NCCPA certification requirements
30/	38%	To fulfill Academy membership requirements
31/	4%	Planned social activities
32/	44%	Opportunity to meet with other PAs
33/	6%	Helped organize CME program
34/	17%	Held in conjunction with state/chapter meeting
35/	8%	Other critical factors. Specify: _____

Thank you for completing this checklist. Your responses will be kept confidential. No responses will be reported by name.

PLEASE PLACE YOUR COMPLETED CHECKLIST IN THE ENVELOPE PROVIDED AND, EITHER BEFORE THIS PROGRAM BEGINS, OR AT THE FIRST BREAK, DROP THIS ENVELOPE IN THE BOX LABELED "RETURN HEW CHECKLISTS HERE."

* Percent of PAs who received this checklist and indicated that the reason was a major one in their selection of a CME program (N=142).

Percents may not total 100% due to rounding.

EXHIBIT E
Checklist 2

CME CHECKLIST

THIS MUST BE COMPLETED IMMEDIATELY AFTER THIS CME PROGRAM

I. GENERAL INFORMATION

Please print:

1) Name: _____
First Middle Last

2) Address: _____
Street

_____
City State Zip Code

3) Name of your supervising physician (if more than one, the person with primary supervisory responsibility for you): _____

4) Physician's business address: _____
Street

_____
City State Zip Code

5) Name of CME program: _____

36/ 6) How many days off with pay are you allowed per year to attend CME programs? ____ days
See attachment A N=308

7) Which of the following best describes the overall arrangement you and your employer have regarding payment of your expenses to attend CME programs? (Check only one response.) N=308

38/
14% 1 ☐ My employer pays for all CME I want to attend

19% 2 ☐ My employer pays none of my CME expenses

16% 3 ☐ My employer and I have agreed that I am to receive a certain sum per year for my CME

12% 4 ☐ My employer and I have agreed that he/she will help to pay for me to attend a certain number of programs per year

16% 5 ☐ My employer makes decisions about helping to pay for my CME on a program by program basis

20% 6 ☐ Other. Specify: _____

_____

2% Missing data

PLEASE OPEN AND COMPLETE THE ENCLOSED CHECKLIST AT THE IMMEDIATE CONCLUSION OF THIS PROGRAM.

8) How often do you discuss the content of CME programs with your supervising physician before deciding on whether or not you will attend? (Check only one response.)

39/ 30% 1 ☐ Before every program
42% 2 ☐ Before some programs
27% 3 ☐ Before no programs
2% Missing data
N=308

40/ 9) How many miles did you travel to reach this CME program?_____miles
See attachment B N=313

10) Did you receive time off with pay from your employer to attend this CME program?

44/ 77% 1 ☐ Yes 22% 2 ☐ No 1% Missing data N=313

11) For this program, how much of your expenses are being paid by your employer? (For each expense listed below, check the one most appropriate response.)

		All	Some	None	No Costs Involved
45/	a. Tuition/registration fee	56% 1 ☐	4% 2 ☐	36% 3 ☐	2% 4 ☐ 2% Missing data
46/	b. Lodging costs	33% 1 ☐	6% 2 ☐	37% 3 ☐	20% 4 ☐ 4% Missing data
47/	c. Transportation costs	39% 1 ☐	5% 2 ☐	47% 3 ☐	5% 4 ☐ 4% Missing data

II. PROGRAM PRESENTATION N=313

1) Were the facilities adequate for conducting this CME program?

48/ 98% 1 ☐ Yes 2% 2 ☐ No N=313

2) Overall, was the faculty at this program both well prepared and knowledgeable on the topic(s) presented?

49/ 99% 1 ☐ Yes 0% 2 ☐ No 1% Missing data N=313

3) Were learning objectives provided?

50/ 67% 1 ☐ Yes 29% 2 ☐ No (Skip to Q. 5) 3% Missing data N=313

4) Were the learning objectives covered in this program?

51/ 89% 1 ☐ Yes 5% 2 ☐ No 6% Missing data N=221

5) Was this CME program's content relevant to the role and function of physician assistants?

52/ 90% 1 ☐ Yes 9% 2 ☐ Somewhat 0% 3 ☐ No 1% Missing data N=313

6) Overall, were the teaching methods used appropriate to the content?

53/ 91% 1 ☐ Yes 7% 2 ☐ Somewhat 0% 3 ☐ No 1% Missing data N=313

7) Below are listed a variety of teaching methods that can be used during CME programs. How effectively do you think you learn from each of these methods? (Check only one response for each method.)

	N=308	Very Effectively	Somewhat Effectively	Not Very Effectively	Not Familiar With Method	Missing data
	Noninteractive Methods					
54/	Lecture	32% 1 ☐	59% 2 ☐	6% 3 ☐	4 ☐	3%
55/	Lecture with audio-visual aids	79% 1 ☐	20% 2 ☐	0% 3 ☐	4 ☐	1%
56/	Panel discussion	27% 1 ☐	42% 2 ☐	20% 3 ☐	3% 4 ☐	8%
	Interaction With Speaker(s)					
57/	Small group discussion	49% 1 ☐	30% 2 ☐	9% 3 ☐	4% 4 ☐	8%
58/	Question and answer session	47% 1 ☐	41% 2 ☐	8% 3 ☐	0% 4 ☐	3%
	Hands-On Activities					
59/	Skills practicum	52% 1 ☐	28% 2 ☐	6% 3 ☐	6% 4 ☐	8%
60/	Model or mannequin	36% 1 ☐	37% 2 ☐	13% 3 ☐	5% 4 ☐	9%
61/	Real or simulated patient(s)	59% 1 ☐	21% 2 ☐	7% 3 ☐	4% 4 ☐	9%
	Other Methods					
62/	Self-instructional materials	28% 1 ☐	48% 2 ☐	15% 3 ☐	2% 4 ☐	7%
63/	Pre/post-test	21% 1 ☐	44% 2 ☐	23% 3 ☐	4% 4 ☐	7%
64/	Patient management problems	54% 1 ☐	31% 2 ☐	5% 3 ☐	2% 4 ☐	8%
65/	Bibliography	7% 1 ☐	34% 2 ☐	44% 3 ☐	5% 4 ☐	10%
66/	Handouts	35% 1 ☐	46% 2 ☐	14% 3 ☐	1% 4 ☐	4%
67/	Other. Specify:_____	1% 1 ☐	1% 2 ☐	0% 3 ☐	0% 4 ☐	97%
	_____					

III. PROGRAM OUTCOMES:

1) Overall, did this program primarily (check only one):

68/

31% 1 ☐ Review skills/knowledge previously learned

5% 2 ☐ Present new skills/knowledge

63% 3 ☐ Both

0% 4 ☐ Neither

1% Missing data

N=313

When you attend CME programs, you may gain information that you can apply in your present practice setting. There may also be some things you learn at a program that you cannot currently use due to the nature of your practice. Would you now,

2) List three (3) things you have learned at this CME program that you plan to incorporate into your provision of patient care services. (Please print.)

1)_____

_____

2)_____

_____

3)_____

_____

3) List three (3) things you have learned that you do not plan to incorporate immediately into your provision of patient care services. (Please print.)

1)_____

_____

2)_____

_____

3)_____

_____

4) What is your overall rating of this CME program?

69/

39% 1 ☐ Outstanding

51% 2 ☐ Good

9% 3 ☐ Acceptable

N=313

0% 4 ☐ Poor

1% Missing data

Thank you for completing this checklist. Your responses will be kept confidential. No responses will be reported by name.

PLEASE RETURN YOUR COMPLETED CHECKLIST TO THE ACADEMY IN THE GREEN, POSTAGE PAID, SELF-ADDRESSED ENVELOPE PROVIDED.

Reminder: It is very important that you complete each of the checklists at the time specified. We must receive your checklist at the National Office within one week of this CME program or we will be unable to include you in the study and you will not be eligible for the one hour CME credit in Category I which has been approved for participants.

ATTACHMENT A

V. 30 Days off with pay (Relative frequency-percent)

0	9%	12	1%
1	1%	14	7%
2	2%	15	1%
3	5%	18	0%
4	2%	20	0%
5	20%	29	0%
6	3%	30	0%
7	11%	36	0%
8	1%		
9	1%	98 }	Indicated some days off
10	12%	99 }	but not specific number 17%

Missing data 7%

N=308

ATTACHMENT B

V. 33 Miles traveled to reach CME

0 - 30	17.3%	401 - 450	1.3%
31 - 60	6.7%	451 - 500	2.6%
61 - 100	17.3%	501 - 750	3.5%
101 - 150	13.7%	751 - 1000	3.5%
151 - 200	13.1%	1001 - 1250	1.0%
201 - 250	7.3%	1251 - 1500	.3%
251 - 300	3.5%	1501 - 1750	.3%
301 - 350	3.8%	1751 - 2000	1.3%
351 - 400	2.2%	Over 2000	.3%
		Missing data	1%

EXHIBIT E
Checklist 3

American Academy of Physician Assistants
2341 Jefferson Davis Highway, Suite 700
Arlington, Virginia 22202 703 / 920-5730

Donald W. Fisher, Ph.D.
Executive Director

Two months ago you attended a CME program in
At that time you were asked and agreed to participate in an HEW funded study the Academy is conducting relating to CME for physician assistants.

Attached is the final checklist about that program which we would like you to complete at this time. It is very important that everyone who agreed to be a study participant complete this checklist. Therefore, would you please take a few minutes now to fill it out and return it promptly in the enclosed postage paid, self-addressed envelope provided. When we receive your completed checklist you will be mailed notification that you have earned one hour of CME credit for your study participation.

As discussed in the information sheet included in the checklist packet you were given two months ago, we have also mailed a checklist to the supervising physician you named at the time you were attending the CME program. The purpose of mailing this checklist to physicians is to determine their attitudes toward CME for the physician assistants they supervise. Since physician input is important to our study, would you please encourage your supervising physician to complete his or her checklist.

Thank you for your assistance with this study and your continuing support of research on your profession.

Sincerely,

Mary Jane Crain

Mary Jane Crain
Research Associate
Division of Research
and Evaluation

MJC/vcm

CME CHECKLIST

Instructions: Two months ago when you completed the checklist at the conclusion of this CME program, you listed several items you had learned. These are printed below. Using the "KEY" provided, for each item, please circle the number for the one statement which best describes your implementation of that item in practice.

KEY

1 THIS IS BEING IMPLEMENTED IN MY PRACTICE

THIS IS NOT BEING IMPLEMENTED IN MY PRACTICE BECAUSE:

2 Lack of community support

3 Too time consuming for expected result

4 Seeking further information before using

5 Lack of proper equipment, facilities, or support services

6 Lack of enabling legislation

7 Lack of supervising physician's support for use

8 Lack of hospital support for use

9 Lack of opportunity to use

10 Irrelevant for any patients I see in practice

11 Too costly

12 Still being reviewed for approval before use

13 Other

PLEASE CIRCLE THE ONE BEST RESPONSE FOR EACH ITEM.

	Item Learned	N=313	N=293														Missing data
			1	2	3	4	5	6	7	8	9	10	11	12	13	Specify	
11/	1. Planned to incorporate	92%	72%	1%	0%	1%	2%	0%	1%	1%	11%	6%	1%	2%	2%		2%
	Did not plan to incorporate	2%															
	Missing data	6%															
			N=288														
14/	2. Planned to incorporate	16%	1	2	3	4	5	6	7	8	9	10	11	12	13	Specify	
	Did not plan to incorporate	74%	33%	1%	1%	5%	5%	0%	1%	0%	19%	20%	1%	1%	8%		2%
	Missing data	10%															
			N=270														
17/	3. Planned to incorporate	85%	1	2	3	4	5	6	7	8	9	10	11	12	13	Specify	
	Did not plan to incorporate	1%	78%	1%	0%	1%	1%	0%	2%	0%	7%	4%	0%	3%	1%		1%
	Listed 2 months after	0%															
	Missing data	14%															
			N=220														
20/	4. Planned to incorporate	9%	1	2	3	4	5	6	7	8	9	10	11	12	13	Specify	
	Did not plan to incorporate	60%	25%	0%	1%	5%	6%	1%	3%	1%	20%	26%	0%	2%	6%		2%
	Listed 2 months after	1%															
	Missing data	30%															
			N=190														
23/	5. Planned to incorporate	58%	1	2	3	4	5	6	7	8	9	10	11	12	13	Specify	
	Did not plan to incorporate	1%	76%	1%	1%	2%	2%	1%	3%	0%	7%	5%	0%	2%	1%		1%
	Listed 2 months after	1%															
	Missing data	39%															
			N=144														
26/	6. Planned to incorporate	1%	1	2	3	4	5	6	7	8	9	10	11	12	13	Specify	
	Did not plan to incorporate	44%	24%	2%	1%	6%	5%	0%	5%	2%	15%	31%	0%	1%	8%		1%
	Listed 2 months after	1%															
	Missing data	54%															

8. As a direct result of this CME program, have you experienced any of the following changes in practice? (Circle either 1 or 2 for each item listed below.)

	N=313	YES	NO	Missing Data
29/	Use of different diagnostic techniques	63% 1	37% 2	
30/	Use of a different therapy for the treatment of patients	62% 1	38% 2	
31/	A change in the number of referrals and consultations	23% 1	77% 2	
32/	A change in approach to the management of well patients	43% 1	57% 2	
33/	An increase in patient compliance	27% 1	71% 2	3%
34/	Improvement of office management procedures	19% 1	80% 2	1%
35/	Transfer of knowledge to community groups	22% 1	76% 2	1%
36/	Sharing of information from this CME program with others	91% 1	9% 2	
37/	A decrease in the number of patient complaints	16% 1	82% 2	2%
38/	A change in patient care costs	13% 1	84% 2	2%
39/	An improvement in interpersonal relationships	51% 1	49% 2	1%
40/	Increased confidence in your skill as a practitioner	93% 1	7% 2	

9. Has the CME program you attended two months ago stimulated you to participate in other CME activities on a related topic? (Circle the number after the appropriate response.)

41/ N=313

58% YES 1
40% NO 2
2% Missing data

10. In what way(s) could CME programs for PAs be made more beneficial?

This completes the series of checklists on the CME program you attended. Thank you for completing this and the other checklists. Your responses will be kept confidential. No responses will be reported by name.

PLEASE RETURN YOUR COMPLETED CHECKLIST IN THE GREEN, POSTAGE PAID, SELF-ADDRESSED ENVELOPE PROVIDED TO:

American Academy of Physician Assistants
2341 Jefferson Davis Highway, Suite 700
Arlington, Virginia 22202

Reminder: For you to earn the one hour of Category I CME credit granted by the Academy for participating in this research project, you must complete and return this checklist.

In what way(s) could CME programs for PAs be made more beneficial?

Physician assistant responses:

Satisfied with CME	Frequency	Percent N=308
Content/satisfied with CME	22	7%
Comments relating to topic		
Avoid esoteric subjects	9	3%
More practical, related to what PAs see in practice	39	13%
More practical, primary care oriented	15	5%
Oriented to specialty PAs	8	3%
More advanced (in depth) CME for PAs	8	3%
More on specific topics rather than reviews	21	7%
More clinically oriented	6	2%
More topics related to involvement in community areas (e.g. EMT training)	1	0%
More time per subject	2	1%
More on new diagnostic techniques and therapies	11	4%
Keep topics within legal scope of PAs	2	1%
More reviews	3	1%
Basics	2	1%
More controversial topics presented	2	1%
Survey need for topics	2	1%
Narrower focus of topics	1	0%
Avoid repetition in CMEs (new topics)	6	2%
Updates	1	0%
More topics available	1	0%
More geared toward PA in hospital	1	0%
More patient oriented	1	0%
Upgrade material	1	0%

Suggested topics:	Frequency	Percent
More pharmacology	2	1%
Techniques of physical exam	1	0%
Orthopedic problems and back injuries	3	1%
Minor surgery	1	0%
Pathophysiology, etiology	1	0%
Dermatology	3	1%
Health Care issues	1	0%
Physiology review	1	0%
Medical emergencies	2	1%
Interpretation of EKG findings	2	1%
Sports medicine and school health	1	0%
Primary care in ER in small community hospital	1	0%
ICU techniques, appropriate LPB and diagnostic procedure ordering	1	0%
Accessability, Timing, Cost, etc.		
Schedule and announce CME well in advance	5	2%
Easy access to CME (hold regionally, locally)	14	5%
More frequent CME	21	7%
Keep CME cost down	14	5%
CME throughout year/not seasonal	2	1%
Physician/PA CME	4	1%
Other health practitioner/PA CME	4	1%
Weekend meetings	5	2%
Shorter CME meetings	3	1%
More hours/days per conference	3	1%
Varied locations	1	0%
More accessability to PAs in remote areas	5	2%
Outside cities	1	0%
Convenient time for working PAs	1	0%

Teachers/Teaching Methods	Frequency	Percent
Carefully select speakers who speak clearly and are easily understood	2	1%
More PA faculty	3	1%
Select speakers knowledgeable of PA function/acquaint speakers with role of PA	19	6%
Participant workshops/mini-rotations/hands on experience	24	8%
Demonstrations/labs to teach skills	5	2%
More case history presentations/problem oriented reviews	11	4%
Increased use of question and answer sessions	4	1%
More panel discussions	5	2%
Emphasize critical points in presentation	3	1%
More small discussion classes/groups	6	2%
Increased use of pre and post tests	5	2%
Increased use of training aids	1	0%
Round table discussions	1	0%
A-V aids	6	2%
More outlines of presentations	4	1%
Provide syllabus for reference	4	1%
Handouts	4	1%
Tapes of CME	1	0%

Other	Frequency	Percent
Less politics	1	0%
Less emphasis on social aspects of CME	1	0%
Reduction in cost for PAs at MDs' CME	2	1%
Time for use of reference library or cassette tapes if available	1	0%
Correspondence courses (AAPA) administered by state chapters involving group studies periodically within each state. Include exams; eliminate need for NCCPA recertification exam.	1	0%
Bring public into CME programs	1	0%
More cassettes, mini-courses and handouts as alternatives to CME programs	6	2%

EXHIBIT E
Checklist 4

American Academy of Physician Assistants
2341 Jefferson Davis Highway, Suite 700
Arlington, Virginia 22202 703 / 920-5730

Donald W. Fisher, Ph.D.
Executive Director

N=119
Percents may not total 100% due to rounding.

The American Academy of Physician Assistants has received an HEW research contract, one part of which calls for the making of recommendations regarding a system of evaluation and accreditation of CME programs which will lead to more effective CME for physician assistants. Since there is little information available on a broad scale regarding the CME currently offered for PAs, our first step in meeting the goals of this portion of the contract is to collect data from CME programs, PA participants in CME, and supervising physicians of the PAs attending CME.

At a recent CME program, the PA you supervise completed one of our study checklists and furnished your name so that we could also ask you to provide your views on PAs' CME. To aid us in making recommendations to help increase the effectiveness of CME for physician assistants, would you please take a few minutes to complete the attached checklist and return it in the postage paid, self-addressed envelope provided?

We at the American Academy of Physician Assistants feel that it is important to continually improve CME programs for physician assistants. We hope you will cooperate with us in helping to determine physicians' views on CME for PAs.

Sincerely,

Mary Jane Crain

Mary Jane Crain
Research Associate
Division of Research
and Evaluation

MJC/vcm
Enclosure

CHECKLIST FOR SUPERVISING PHYSICIANS
OF PAs ATTENDING CME

PLANNING FOR CME

1. How frequently do you and the PA you supervise discuss the content of CME programs that he/she is considering attending?

11/ 28% 1 ☐ Always 31% 2 ☐ Usually 24% 3 ☐ Sometimes 12% 4 ☐ Rarely 2% 5 ☐ Never 3% Missing data

2. Although there are many factors that are important in the selection of CME programs to attend, some may be more important than others. If you were recommending a CME program to the PA you supervise, which of the following would be the most critical factors in your choice to recommend the program? (Check no more than 5.)

	Most Critical Factor(s)	
12/	39%	Program held in our geographic area
13/	30%	Opportunity for PA to attend CME which does not conflict with the needs of the practice
14/	3%	Convenient time of year for PA to attend. Specify:_____
15/	8%	Convenient day(s) of week for PA to attend Specify:_____
16/	0%	Convenient for other reasons. Specify:_____
17/	14%	Reputation of sponsor
18/	44%	Reputation of faculty
19/	3%	Previously attended the program myself
20/	8%	Recommendation of program by colleague(s)
21/	73%	Topic(s) offered
22/	73%	Expectation that the information will be useful in practice
23/	83%	Opportunity for PA to acquire new skills and knowledge
24/	53%	Opportunity for PA to maintain previously learned skills and knowledge
25/	28%	Expect the information will be useful for PA's certification
26/	9%	Opportunity for PA to meet with other PAs
27/	2%	Opportunity for PA to attend CME with me
28/	1%	Other major factor(s). Specify:_____

In your opinion, should PAs attend CME to:	Yes	No	Missing data
29/ 3. REVIEW and MAINTAIN skills and knowledge useful WITHIN the practices in which they are employed?	96% 1 ☐	2% 2 ☐	3%
30/ 4. REVIEW and MAINTAIN skills and knowledge OUTSIDE the boundaries of the practices in which they are employed?	50% 1 ☐	41% 2 ☐	9%
31/ 5. EXPAND their skills and knowledge WITHIN the boundaries of the practices in which they are employed?	98% 1 ☐	1% 2 ☐	2%
32/ 6. EXPAND their skills and knowledge OUTSIDE the boundaries of the practices in which they are employed?	51% 1 ☐	40% 2 ☐	8%

IMPLEMENTATION OF TECHNICAL SKILLS AND KNOWLEDGE FROM CME

7. How frequently does the PA you supervise return from a CME program with newly acquired technical skills suitable for implementation in your practice?

33/ 3% 1 ☐ Always 24% 2 ☐ Usually 40% 3 ☐ Sometimes 20% 4 ☐ Rarely 2% 5 ☐ Never 8% 6 ☐ Not known *

8. How frequently does the PA you supervise return from a CME program with newly acquired knowledge (e.g., information that would lead to more effective diagnosis or treatment of a condition) that is applicable for your practice?

34/ 12% 1 ☐ Always 38% 2 ☐ Usually 33% 3 ☐ Sometimes 8% 4 ☐ Rarely 5 ☐ Never 7% 6 ☐ Not known *

9. If the PA you supervise wanted to implement something he/she learned at a CME program, which of the factors listed below would be the most critical in determining whether you would favor this implementation? (Check no more than 5.)

	Most Critical Factor(s)	
35/	26%	Qualifications of faculty who taught the program
36/	24%	Use of education techniques requiring actual hands-on experience by the PA as part of the program
37/	2%	My attendance at program with the PA I supervise
38/	5%	My attendance at a previous program covering similar material
39/	72%	Personal familiarity with knowledge and skills to be implemented
40/	24%	Cost of what is to be implemented
41/	78%	Usefulness for the practice of what is to be implemented
42/	20%	Evidence from program sponsors or faculty that PA has mastered knowledge/skills
43/	20%	Verbal assurance from PA that he or she has mastered knowledge/skills
44/	67%	Personal discussion with PA of knowledge and skills prior to implementation
45/	75%	Personal observation the first time the PA implements what was learned
46/	35%	Degree to which what is to be implemented could be life-threatening
47/	2%	Other. Specify: _____

* 3% Missing data.

GENERAL INFORMATION

10. As a follow-up to what the PA you supervise learns at CME programs, how frequently do you: (Check one response for each item listed.)

		Always	Usually	Sometimes	Rarely	Never	Missing data
48/	Discuss with the PA you supervise what was learned?	21% 1☐	47% 2☐	20% 3☐	8% 4☐	1% 5☐	3%
49/	Encourage the PA you supervise to continue studying what was learned?	28% 1☐	38% 2☐	23% 3☐	8% 4☐	1% 5☐	3%
50/	Provide the PA you supervise with journal articles, notes, books, etc. relating to what was learned?	15% 1☐	30% 2☐	34% 3☐	15% 4☐	2% 5☐	4%
51/	Encourage the PA you supervise to meet with an appropriate specialist to pursue what was learned?	6% 1☐	11% 2☐	29% 3☐	35% 4☐	17% 5☐	3%
52/	Become interested in new techniques introduced by the PA you supervise?	9% 1☐	31% 2☐	38% 3☐	16% 4☐	3% 5☐	3%
53/	Set up new management techniques?	1% 1☐	13% 2☐	33% 3☐	37% 4☐	11% 5☐	6%
54/	Purchase new equipment?	1% 1☐	6% 2☐	44% 3☐	32% 4☐	12% 5☐	6%
55/	Other. Specify:_____	-- 1☐	-- 2☐	-- 3☐	-- 4☐	-- 5☐	100%

11. Overall, aside from fulfilling state requirements and/or maintaining PA certification, how useful to you think it is for PAs to attend CME?

75%	1☐	Very useful
56/ 23%	2☐	Somewhat useful
1%	3☐	Not useful
2%		Missing data

12. In what way(s) could CME for PAs be made more beneficial?

Thank you for completing this checklist. Your responses will be kept confidential. No responses will be reported by name. The cooperation of you and your physician assistant has been very valuable to this project.

PLEASE RETURN IN THE ACCOMPANYING GREEN, POSTAGE PAID ENVELOPE TO:

American Academy of Physician Assistants
2341 Jefferson Davis Highway, Suite 700
Arlington, Virginia 22202

In what way(s) could CME programs for PAs be made more beneficial?

Physician responses:

Satisfied	Frequency	Percent N=119
I feel CME programs are progressing as compared to past experience	1	1%
Comments Relating to Topic		
Practical topics within role of PA	12	10%
Stick to topics related to primary care/ family practice	4	3%
Specialty programs	4	3%
Diagnosis and treatment/pathophysiology in relation to Dx and Tx	4	3%
Offer programs with strong clinical foundation	1	1%
More evaluation of needs of PAs to whom CME is to be directed	1	1%
Specifically oriented programs rather than directed to broad topics	2	2%
PAs self- identity/role identity	2	2%
Update of new knowledge, techniques, and skills	1	1%
Greater variety of topics	1	1%
Stick to traditional problems and methods	1	1%
New methods only after reasonable trial	1	1%
More seminars on practical application of technical skills	1	1%
PA should have freedom to select areas he can concentrate on so he can develop his skills that he knows his individual preceptor will allow him to apply in practice	1	1%
Suggested topics:		
Emergency room courses and OPD courses for PAs	1	1%

Accessability, Timing, Cost, etc.	Frequency	Percent
More programs, seminars	5	4%
More advance notice and wider advertising of programs available	1	1%
Keep cost down	1	1%
Weekend and evening sessions in close geographical proximity	3	3%
Physician/PA CME	1	1%
Keep time involved limited to perhaps 4 hrs. so that it could more easily fit into busy office schedules	1	1%
Teachers/Teaching Methods		
Opportunities for self-testing, i.e. by computer-presented diagnostic problems with prompt feedback of accuracy	1	1%
Audio Digest tapes and video tapes with PAs in mind	1	1%
More hands on workshops	3	3%
Improvement in faculty giving courses	1	1%
Small group demonstration and assessment	1	1%
Allow time for questions	1	1%
Have personal instruction of small group(5) of PAs at practical level	1	1%
More pre and post CME evaluation of PA to see if objectives of CME were met	1	1%
Other		
Have MD programs certified for PA credit	2	2%
Use CME to make PAs more visible	1	1%
Pattern CME programs after specialty review seminars the physicians take rather than making the meetings more social or political gatherings	1	1%